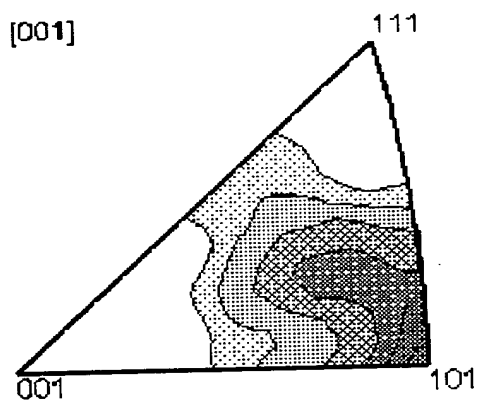


1 ppm

{101} orientation ratio 53%

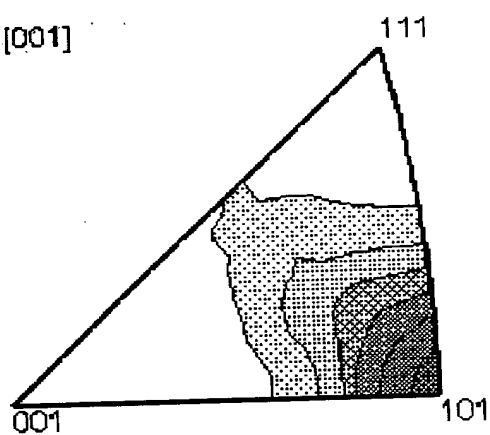
Fig. 1A



3 ppm

{101} orientation ratio 44%

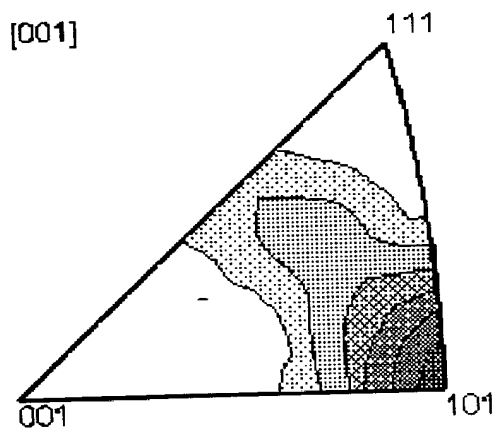
Fig. 1B



10 ppm

{101} orientation ratio 30%

Fig. 1C



30 ppm

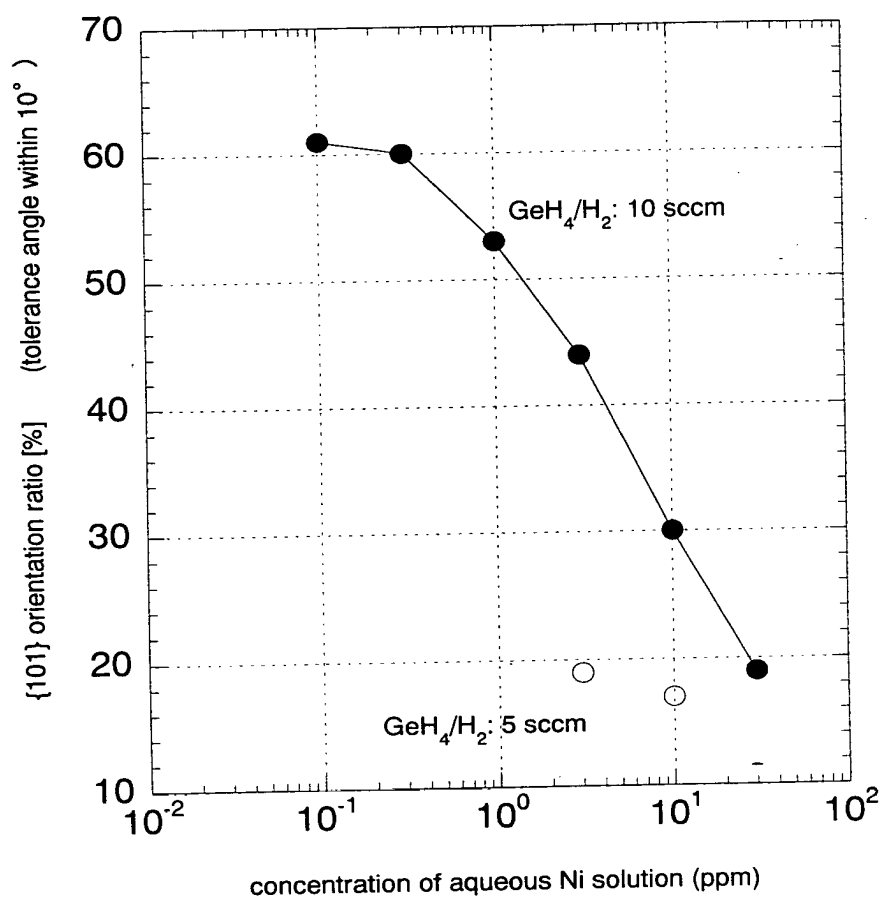
{101} orientation ratio 19%

Fig. 1D

99

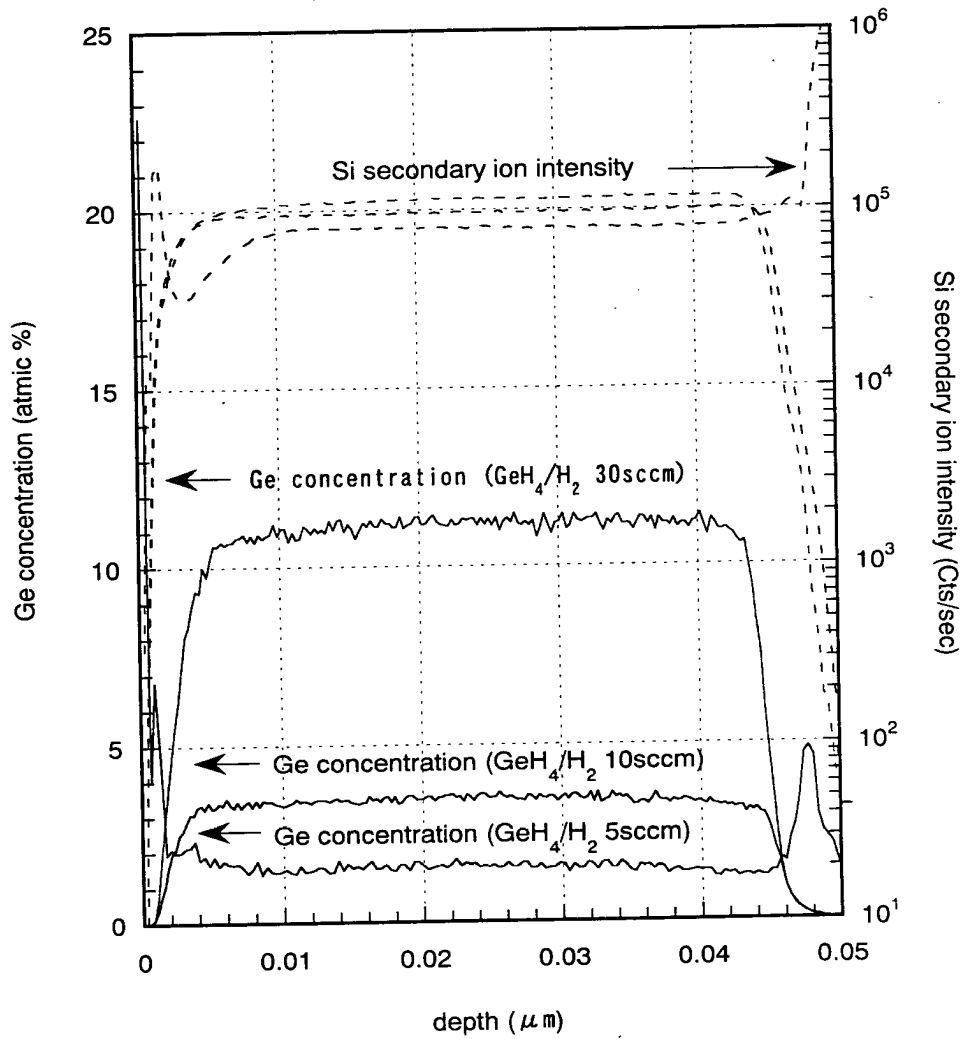
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Fig. 2



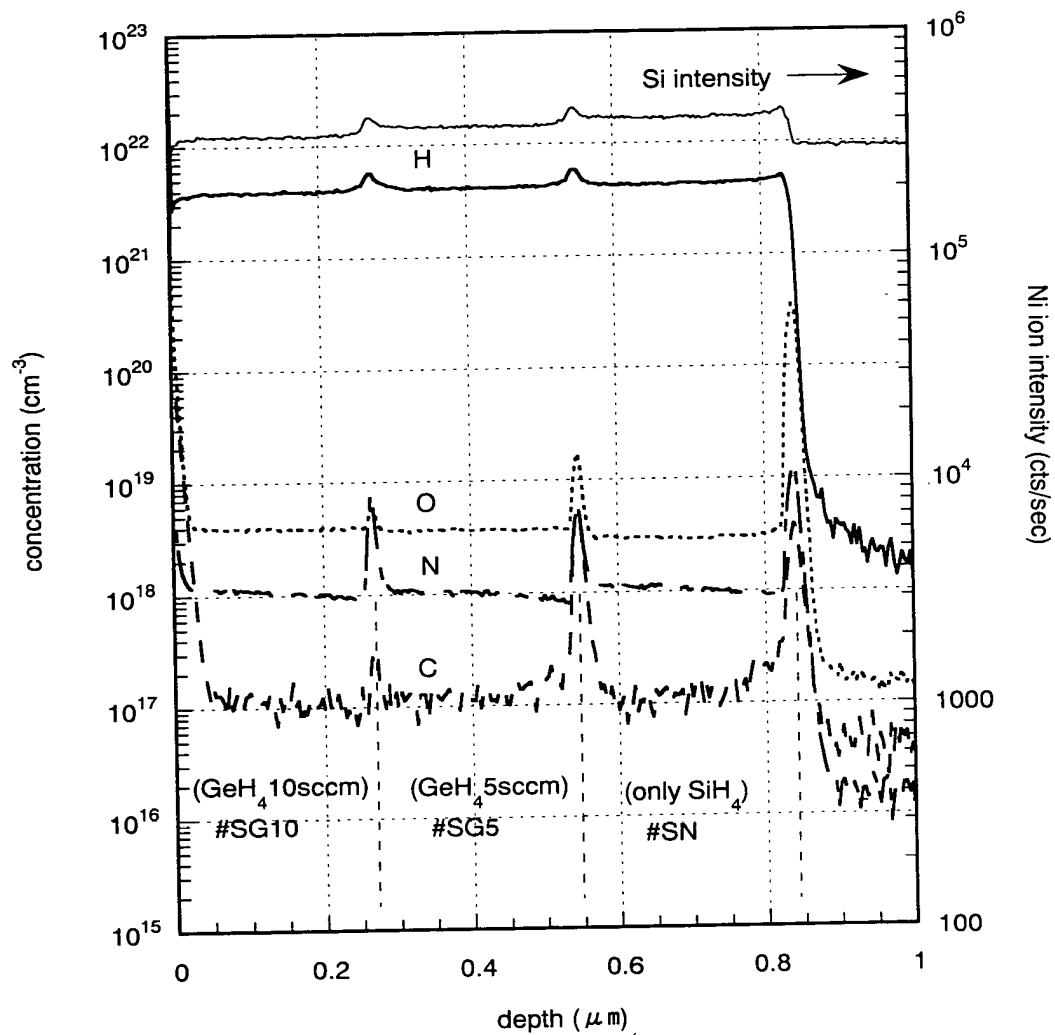
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Fig. 3



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Fig. 4



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Fig. 5

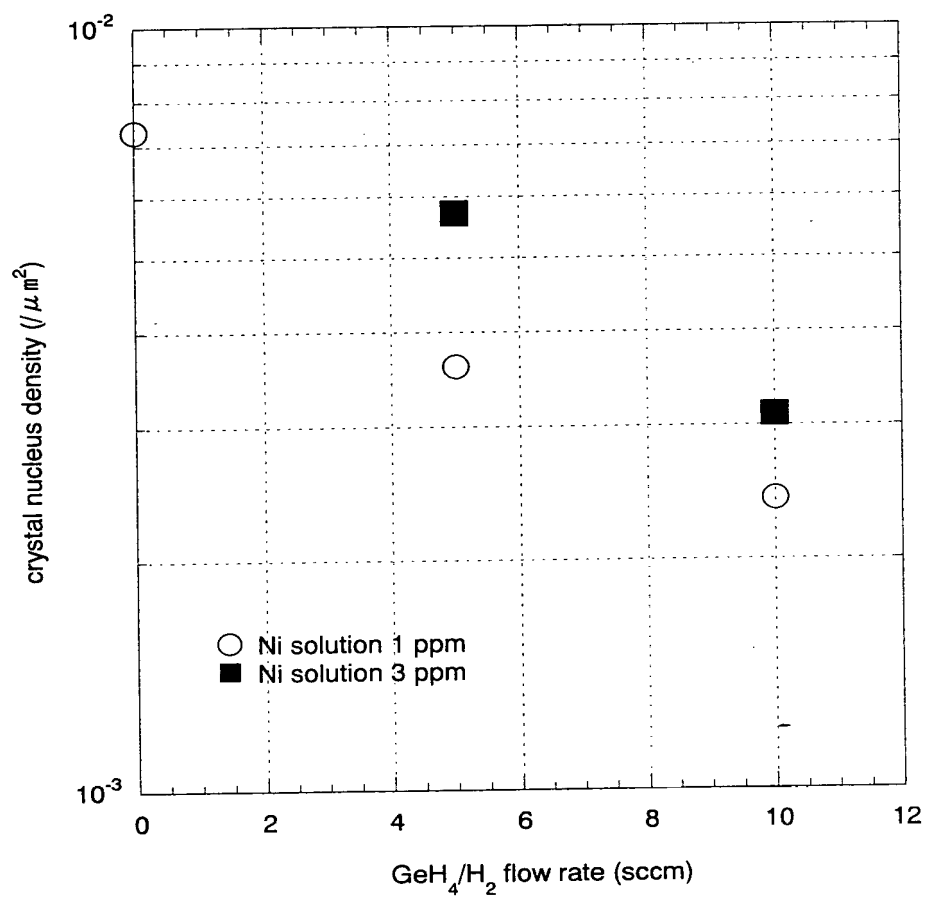


Fig. 6

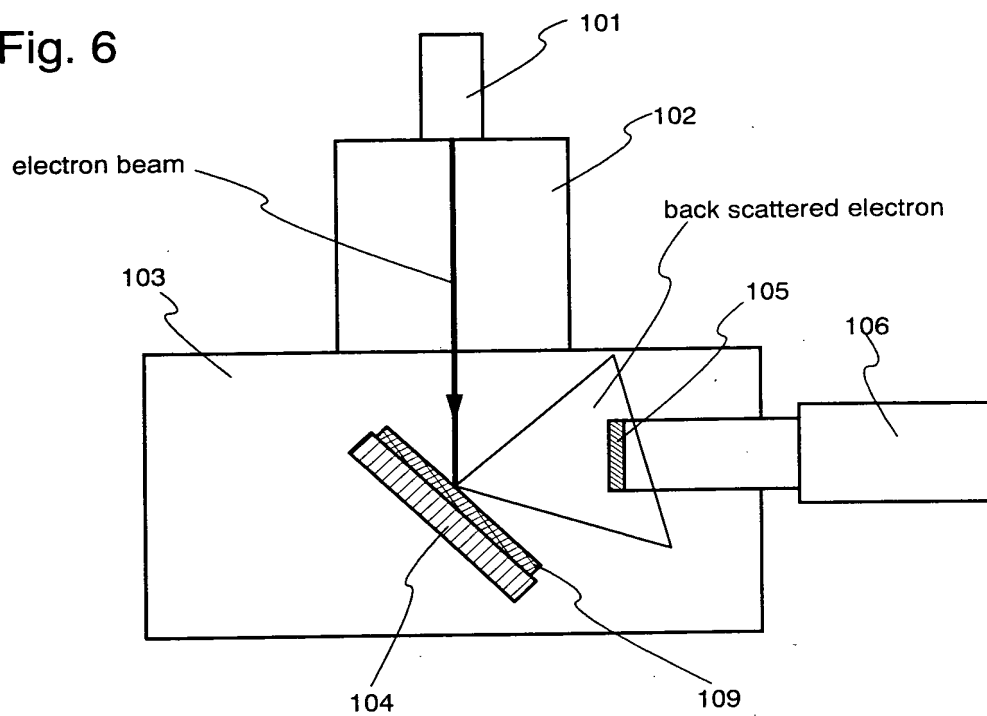
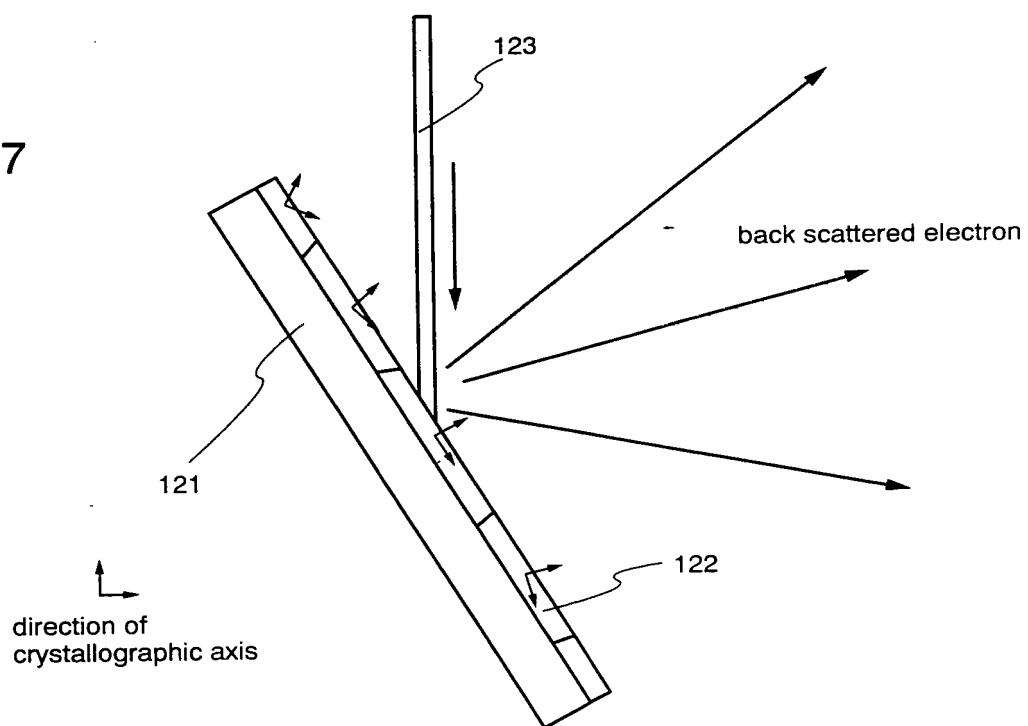


Fig. 7



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Fig. 8A

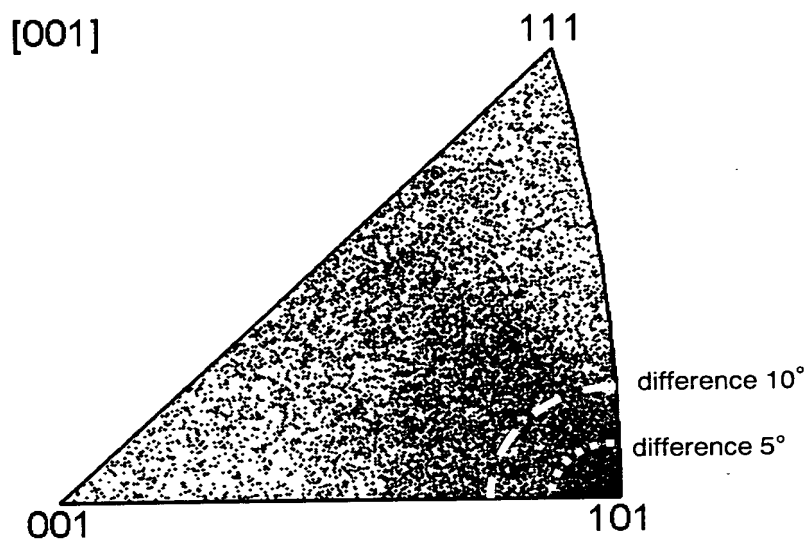
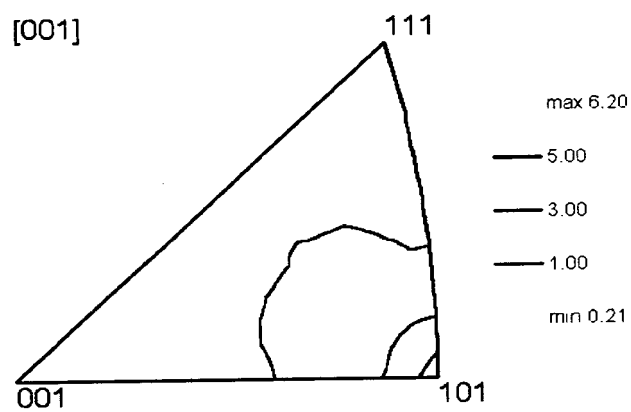


Fig. 8B



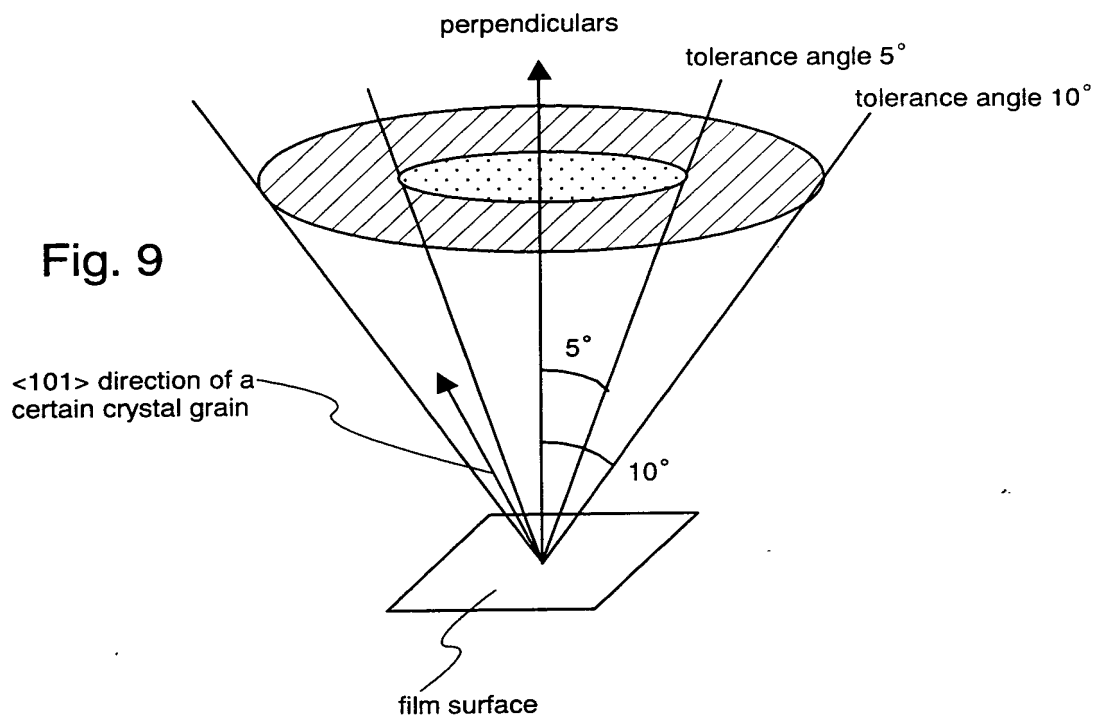


Fig. 10

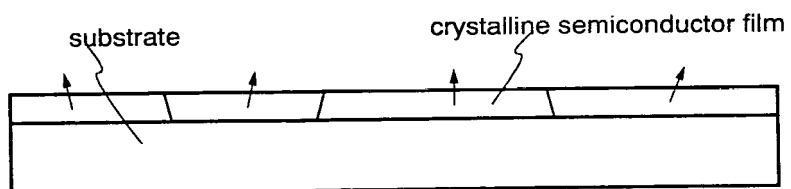




Fig. 11A

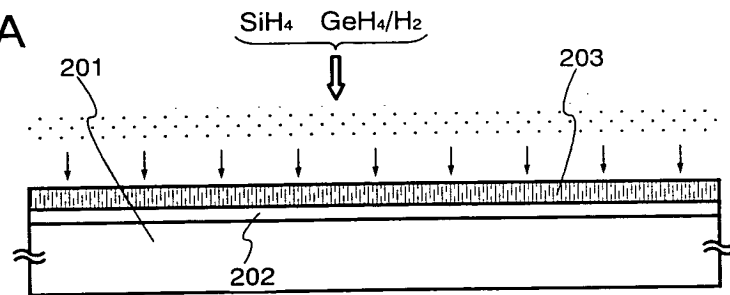


Fig. 11B

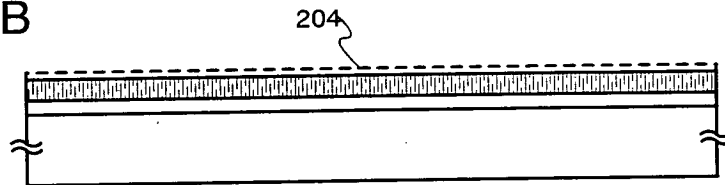


Fig. 11C

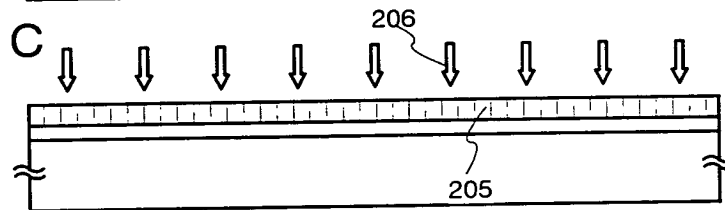


Fig. 11D

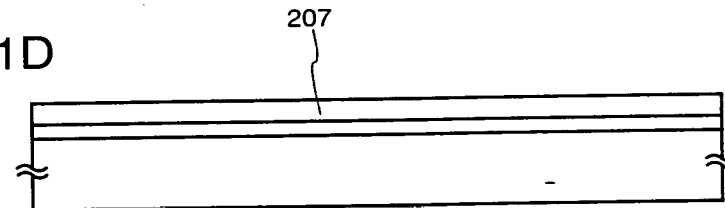


Fig. 12A-a

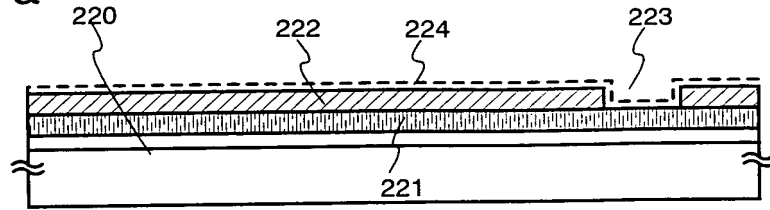


Fig. 12A-b

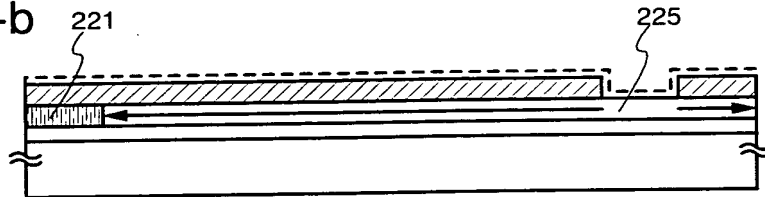


Fig. 12A-c

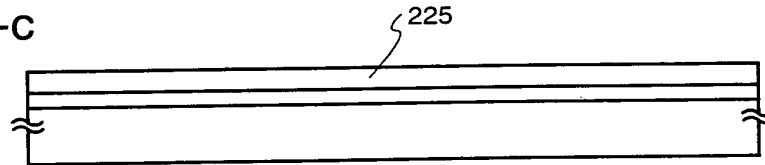


Fig. 12B-a

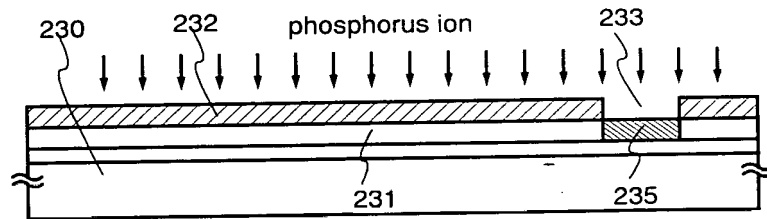


Fig. 12B-b

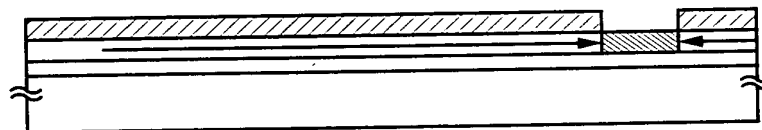
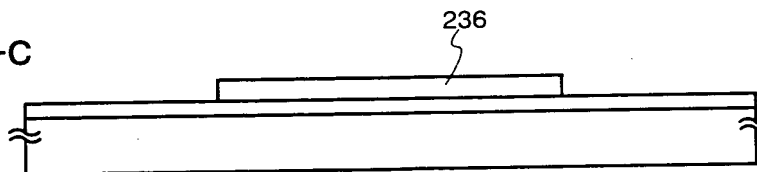


Fig. 12B-c



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Fig. 13A

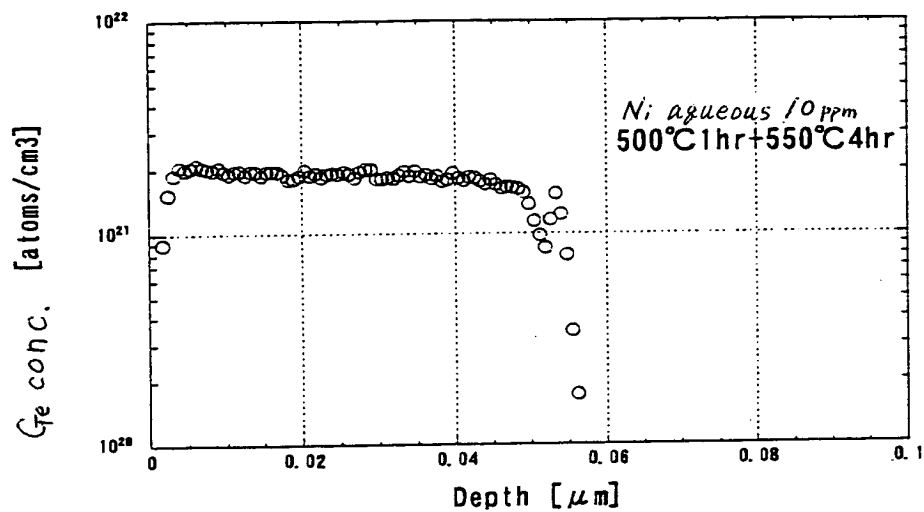


Fig. 13B

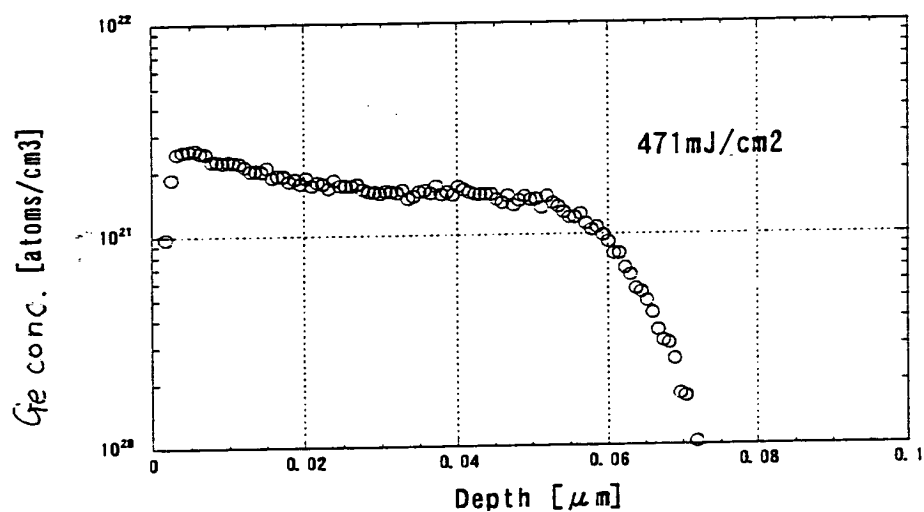
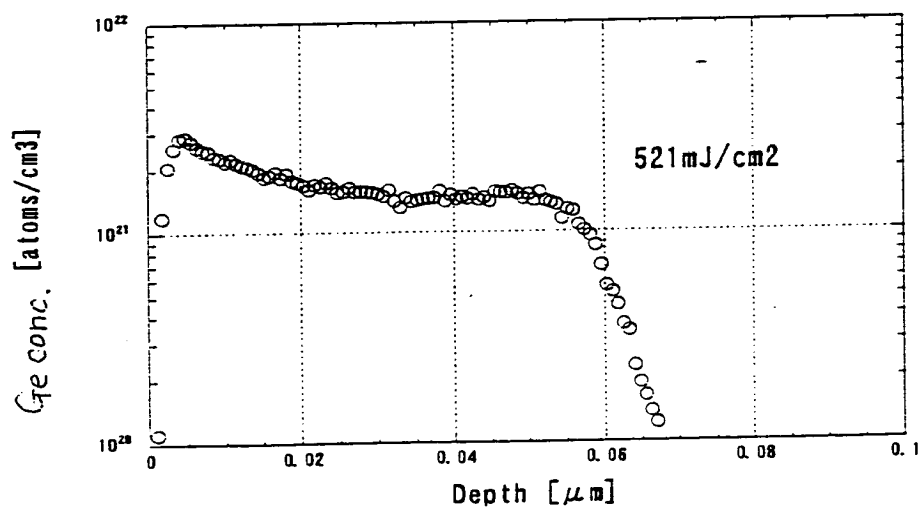


Fig. 13C



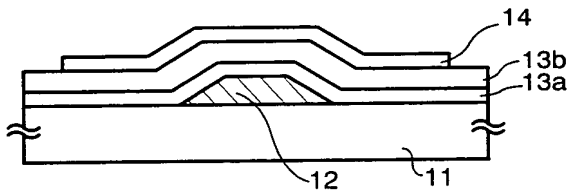


Fig. 14A

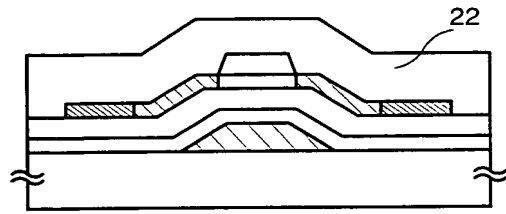


Fig. 14E

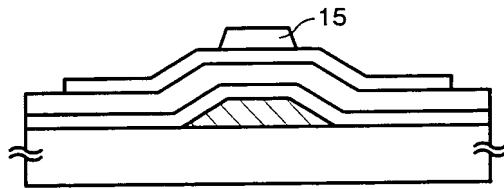
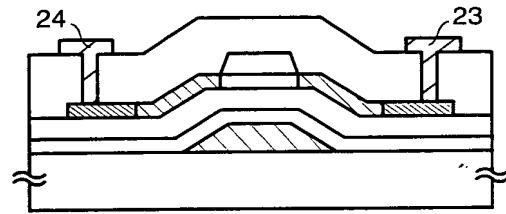


Fig. 14B



n-channel TFT

Fig. 14F

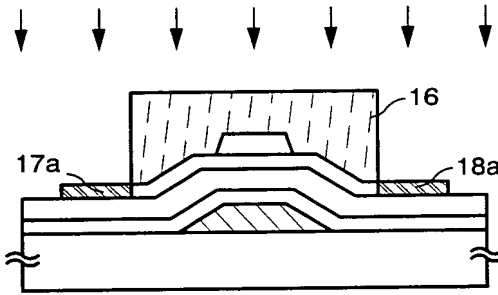


Fig. 14C

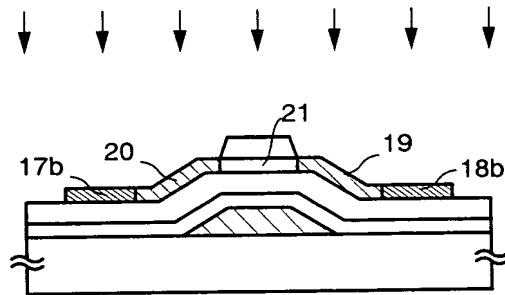


Fig. 14D

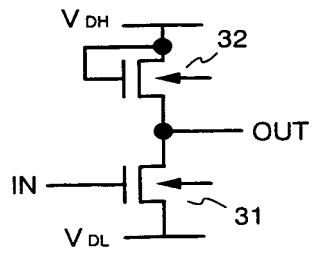


Fig. 15A

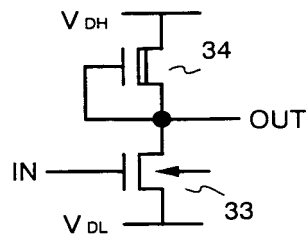


Fig. 15B

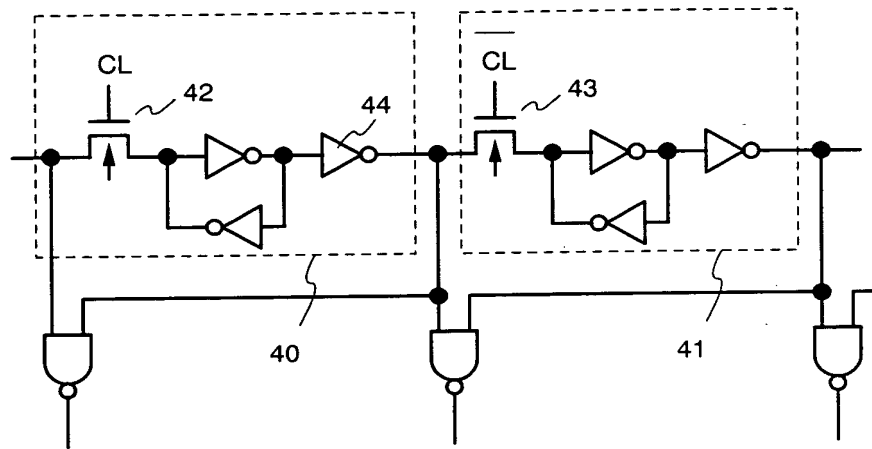


Fig. 16A

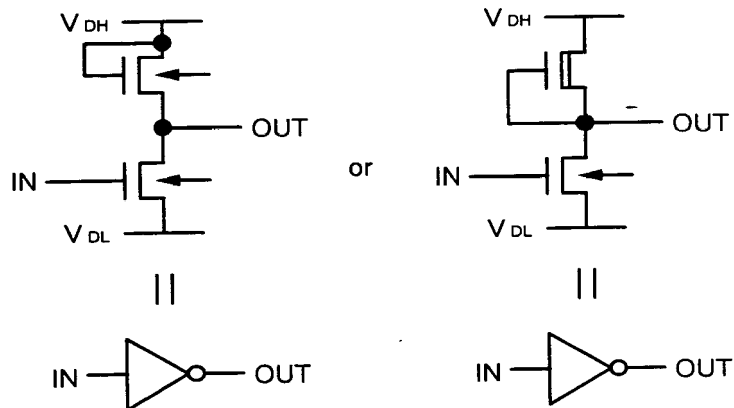


Fig. 16B

Fig.17A

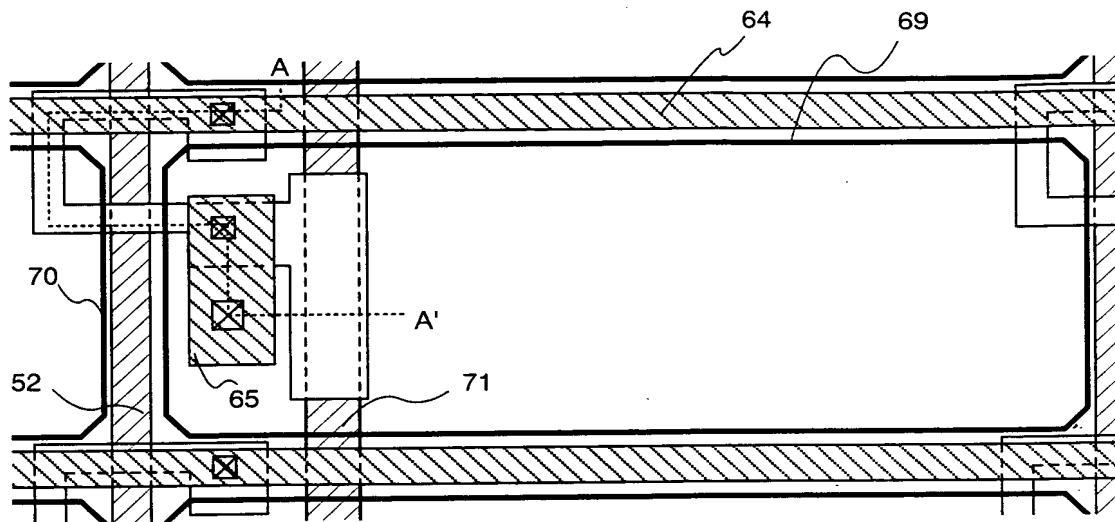
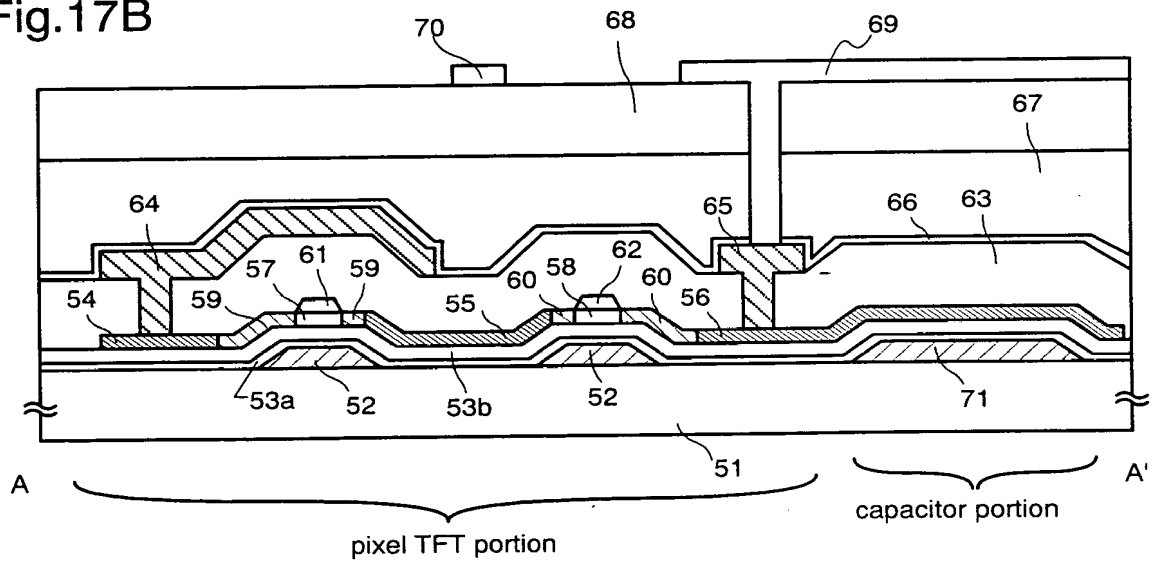


Fig.17B



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Fig. 18

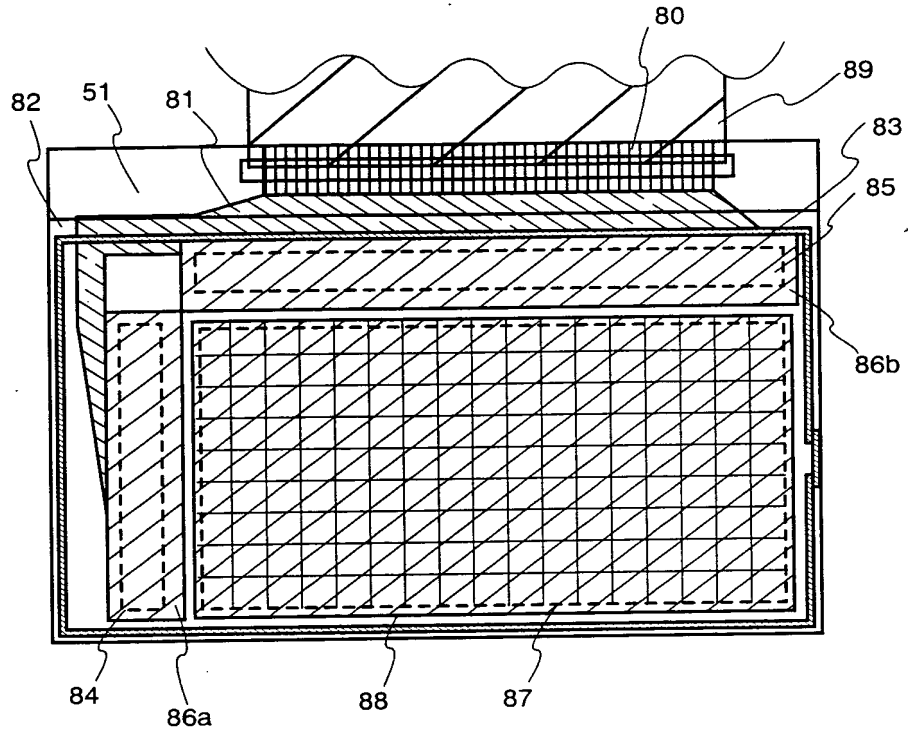
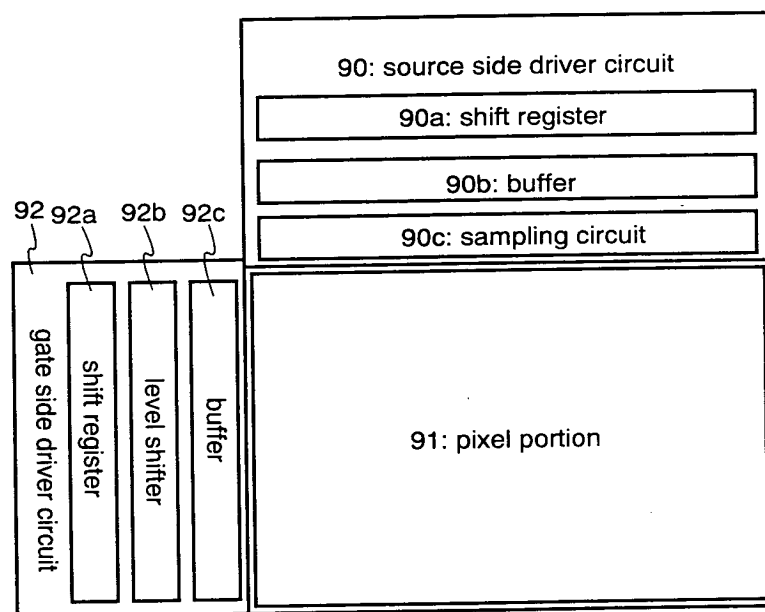


Fig. 19





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Fig. 20

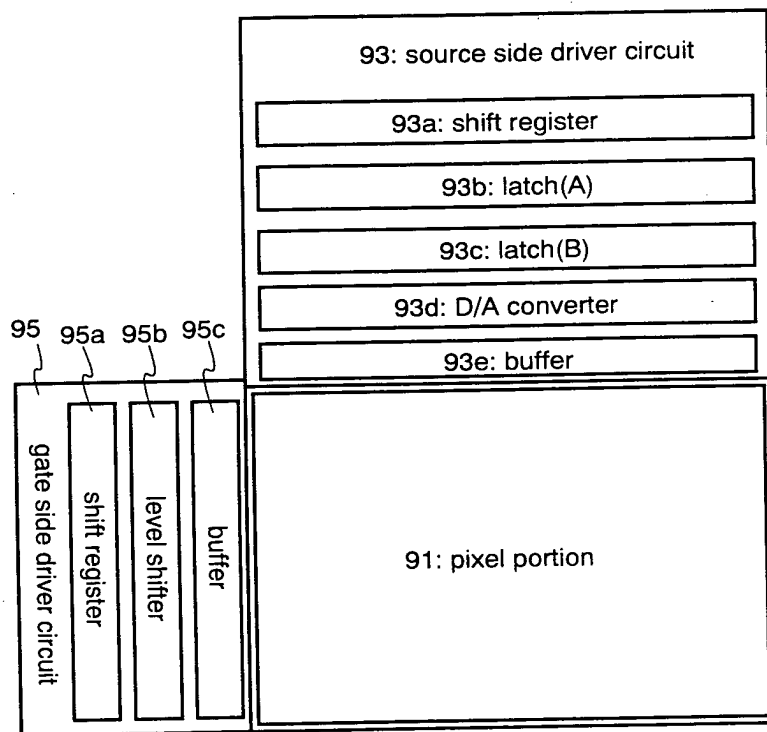


Fig. 21A

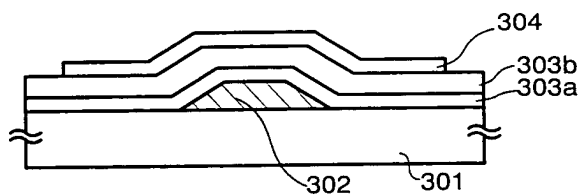


Fig. 21B

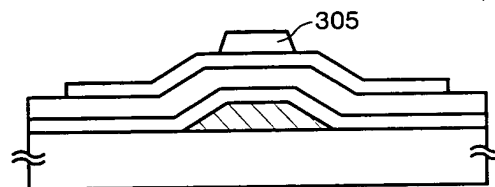


Fig. 21C

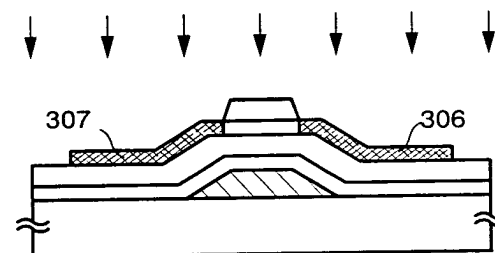


Fig. 21D

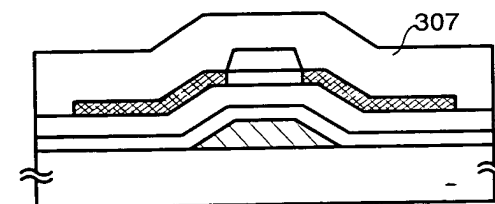
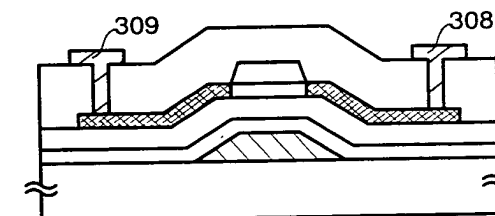


Fig. 21E



p-channel TFT

Fig. 22A

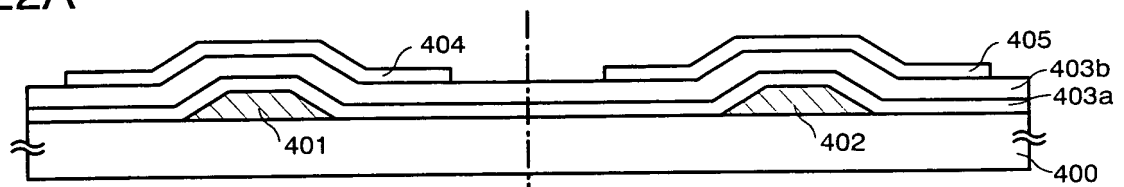


Fig. 22B

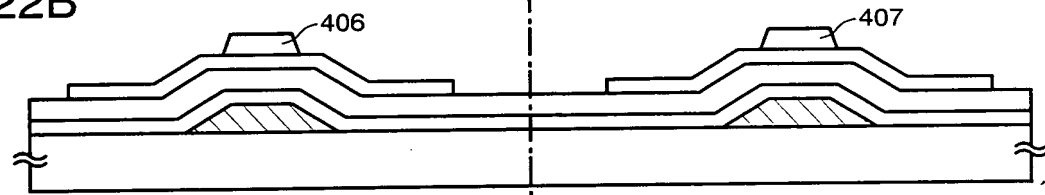


Fig. 22C

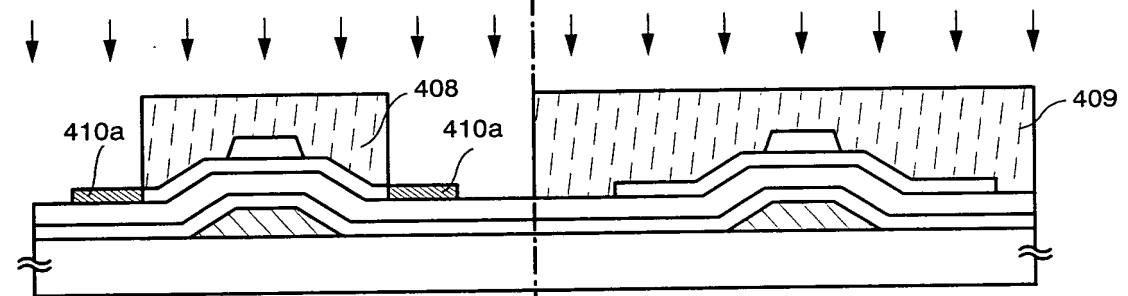


Fig. 22D

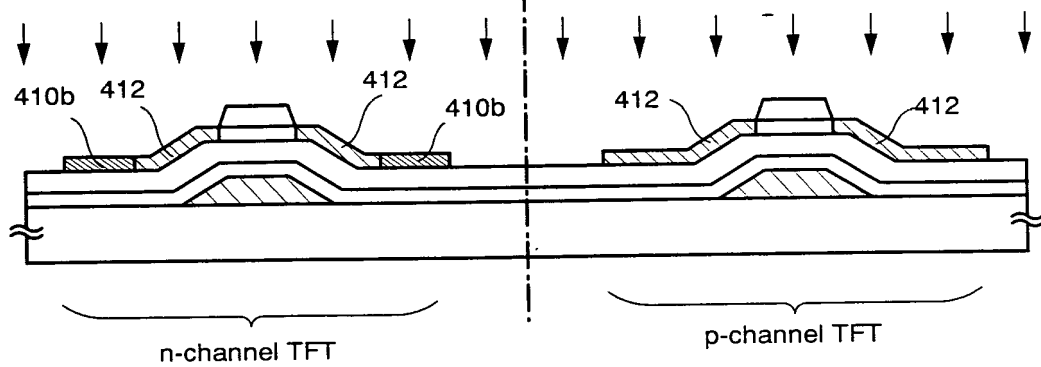


FIG. 23A

Fig. 23A

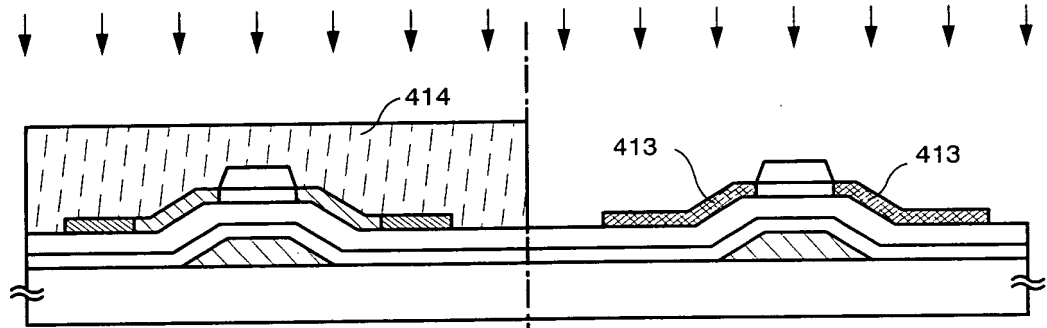


Fig. 23B

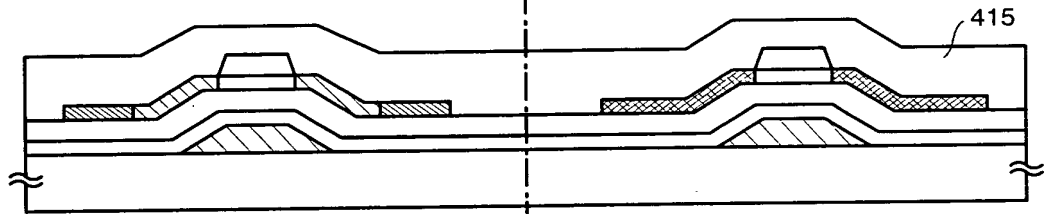


Fig. 23C

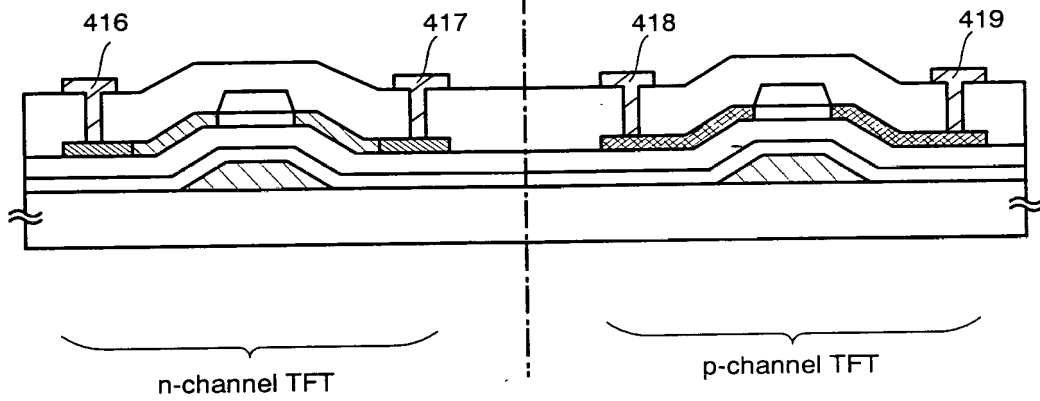


Fig. 24A

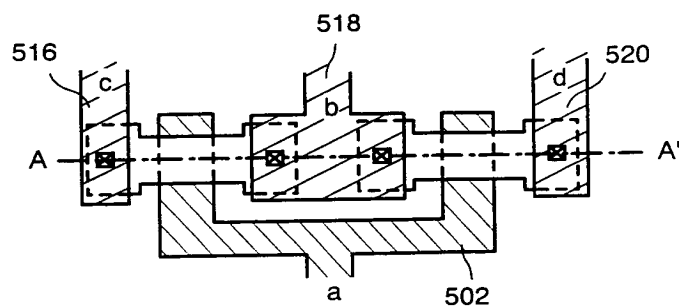


Fig. 24B

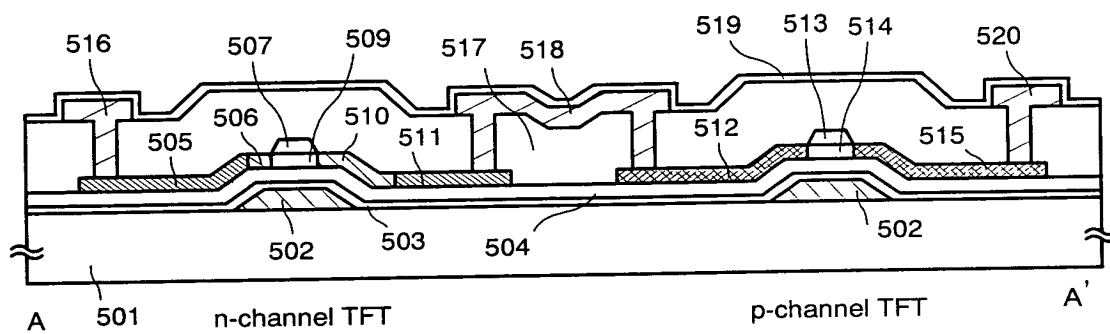


Fig. 24C

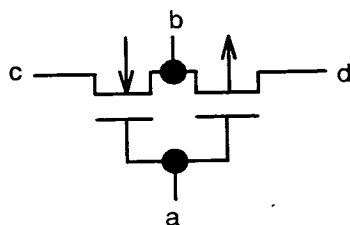
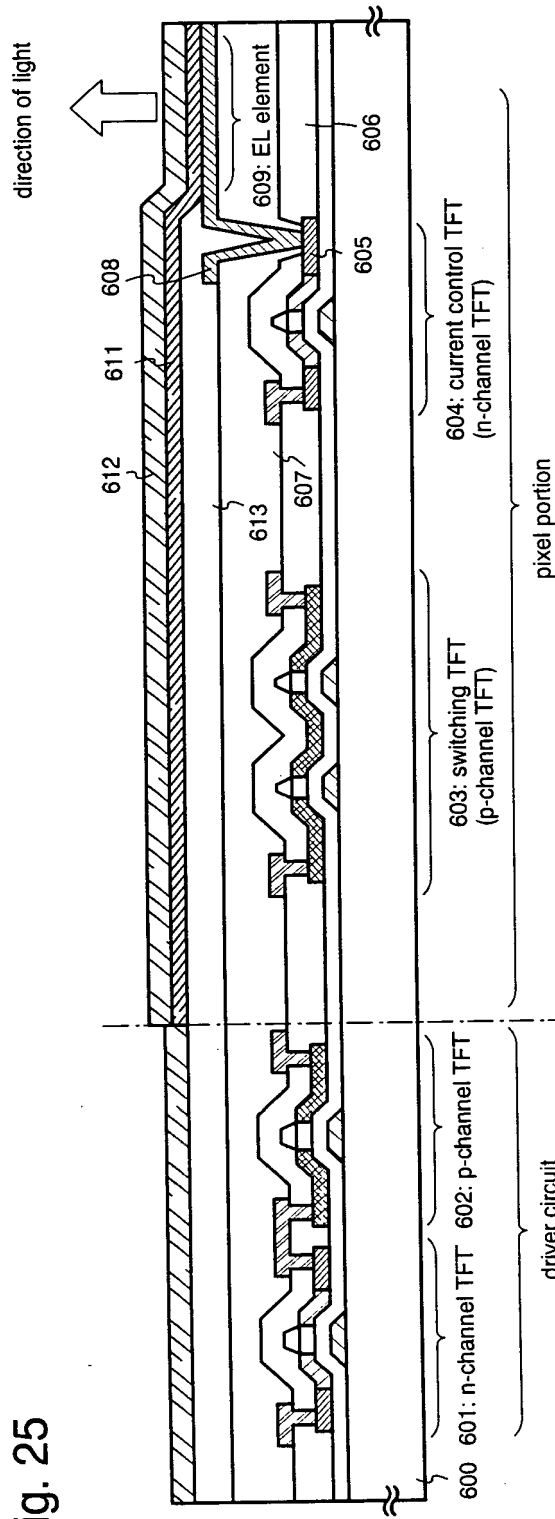


Fig. 25



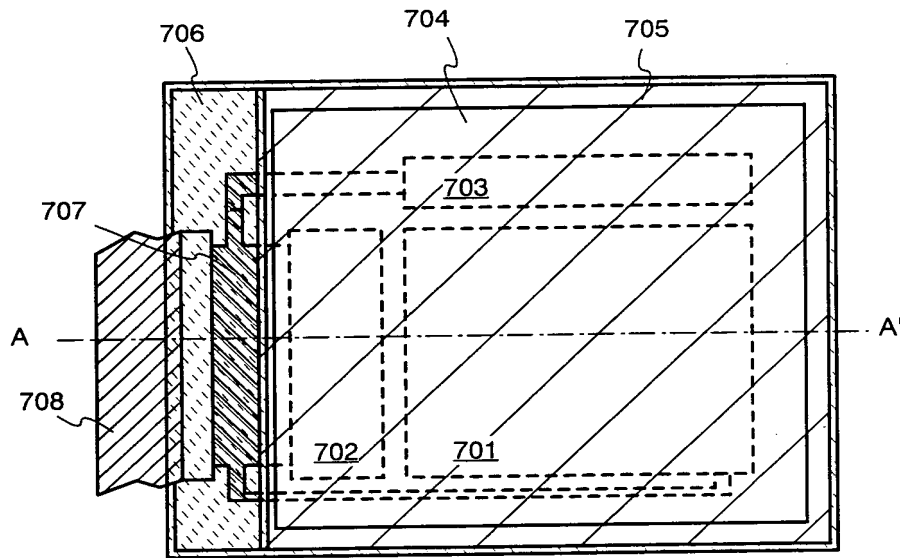


Fig. 26A

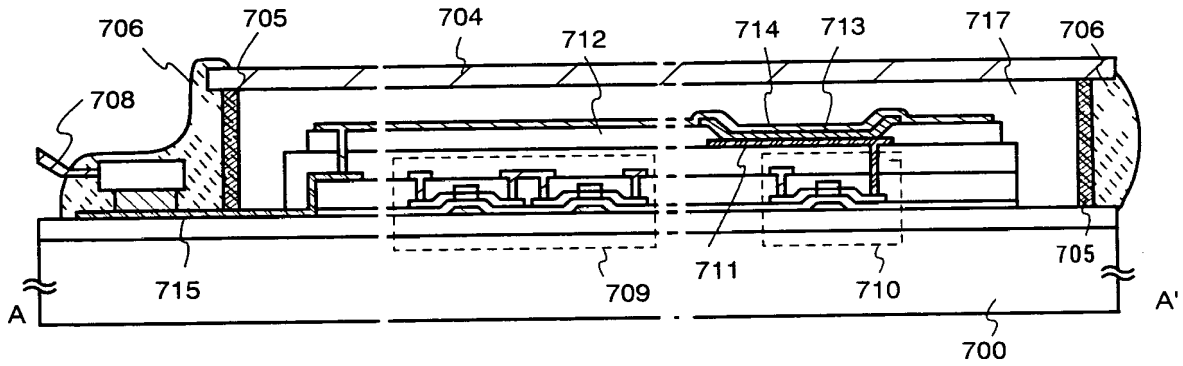


Fig. 26B

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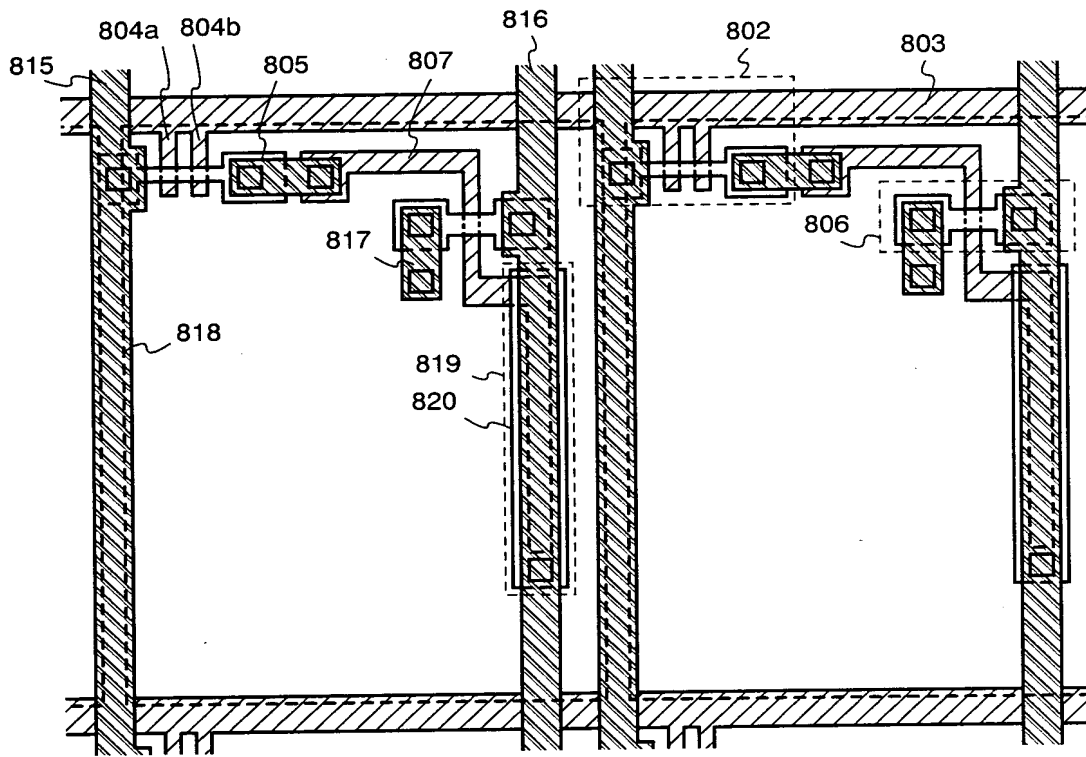


Fig. 27A

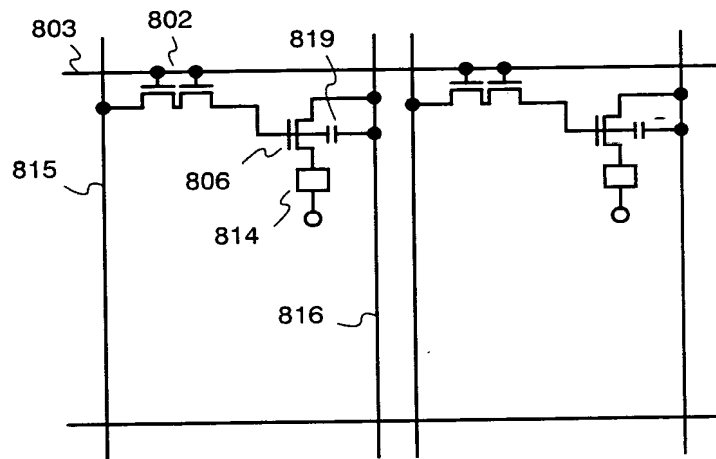


Fig. 27B



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Fig. 28

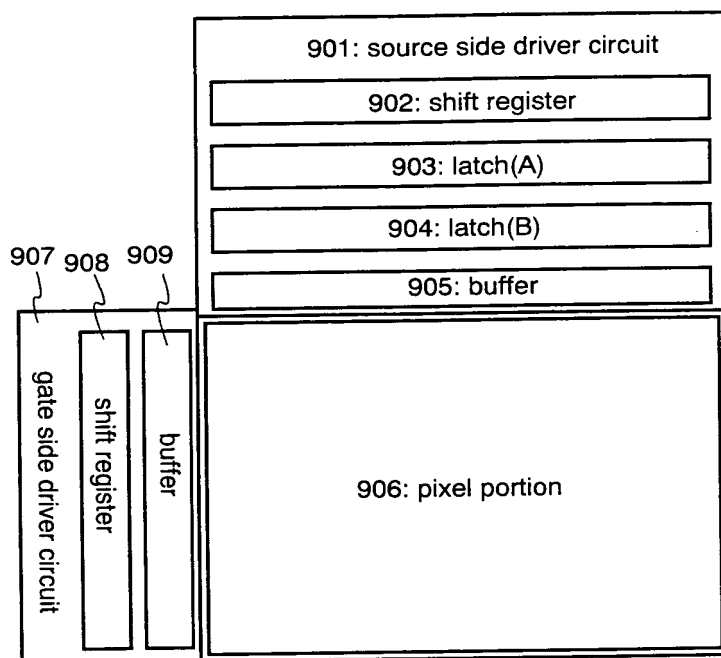
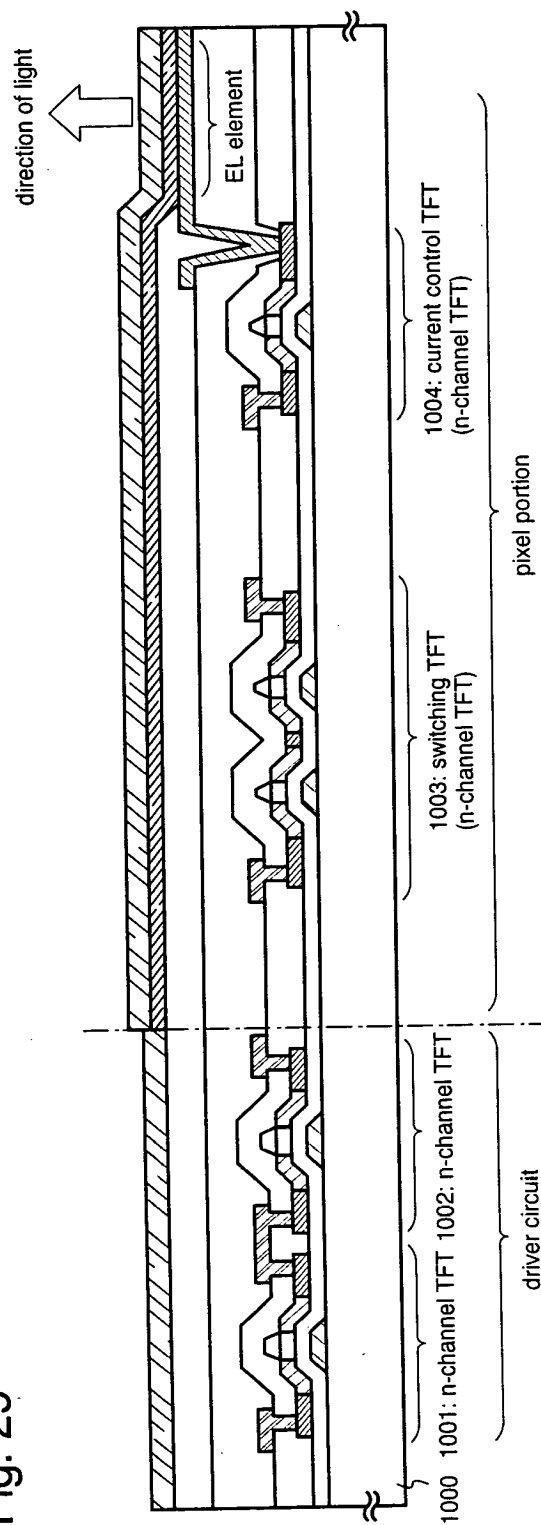
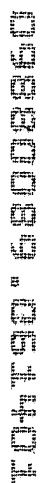


Fig. 29



**09-06-2018**



**Fig. 31**

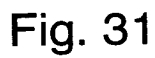


Fig. 32

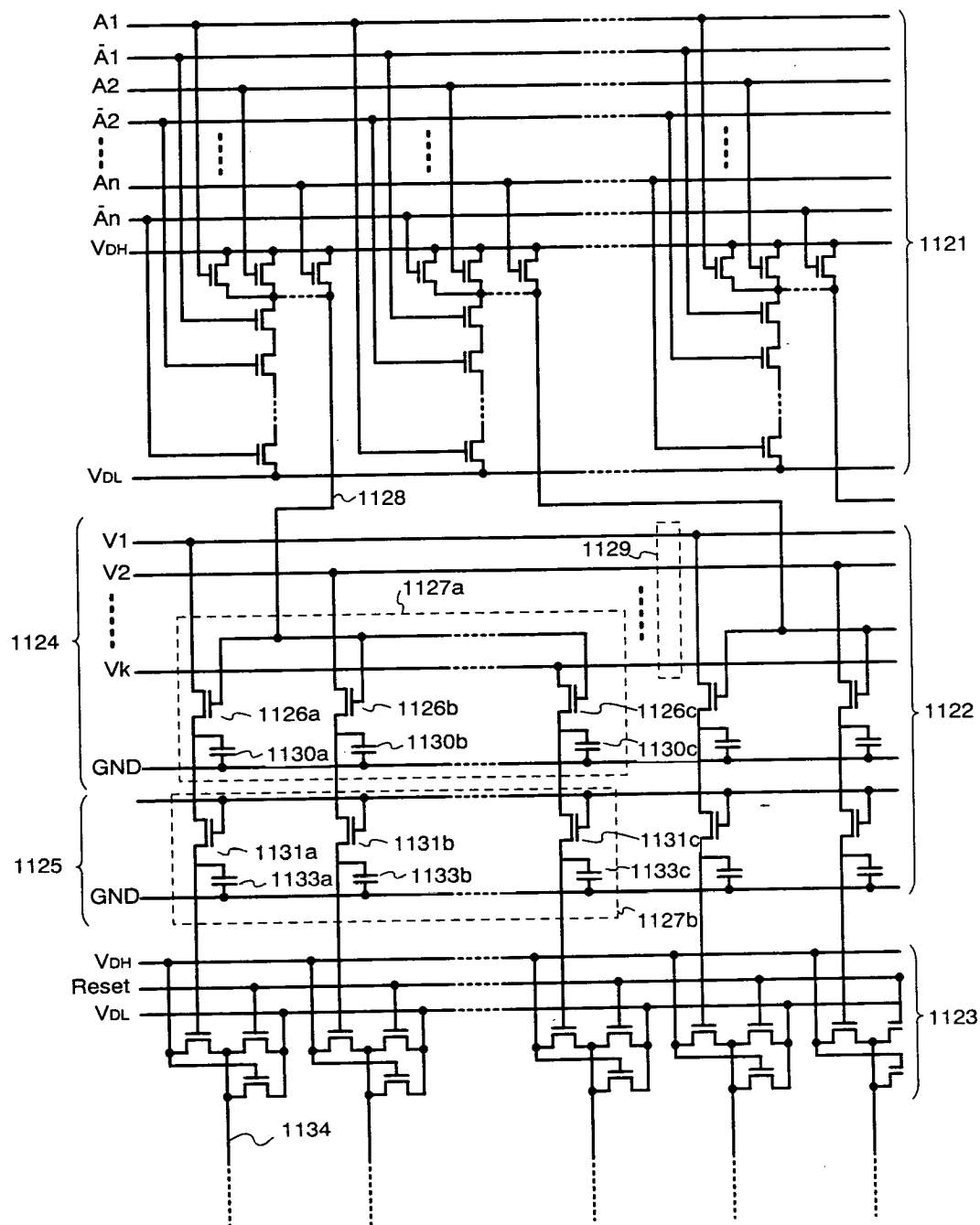


Fig. 33

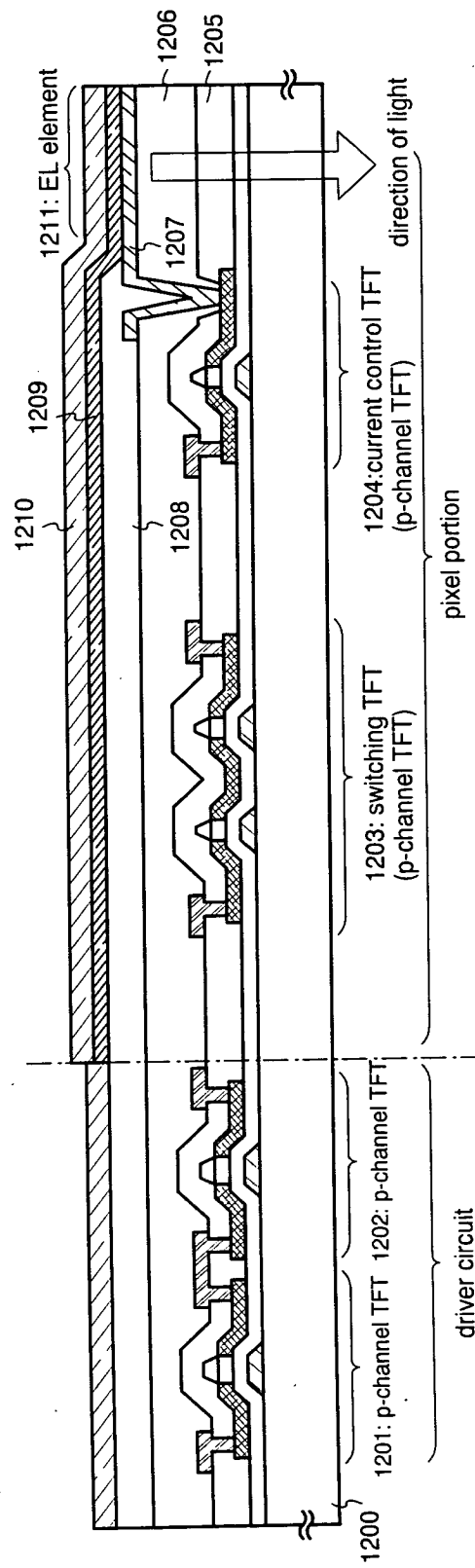


Fig. 34

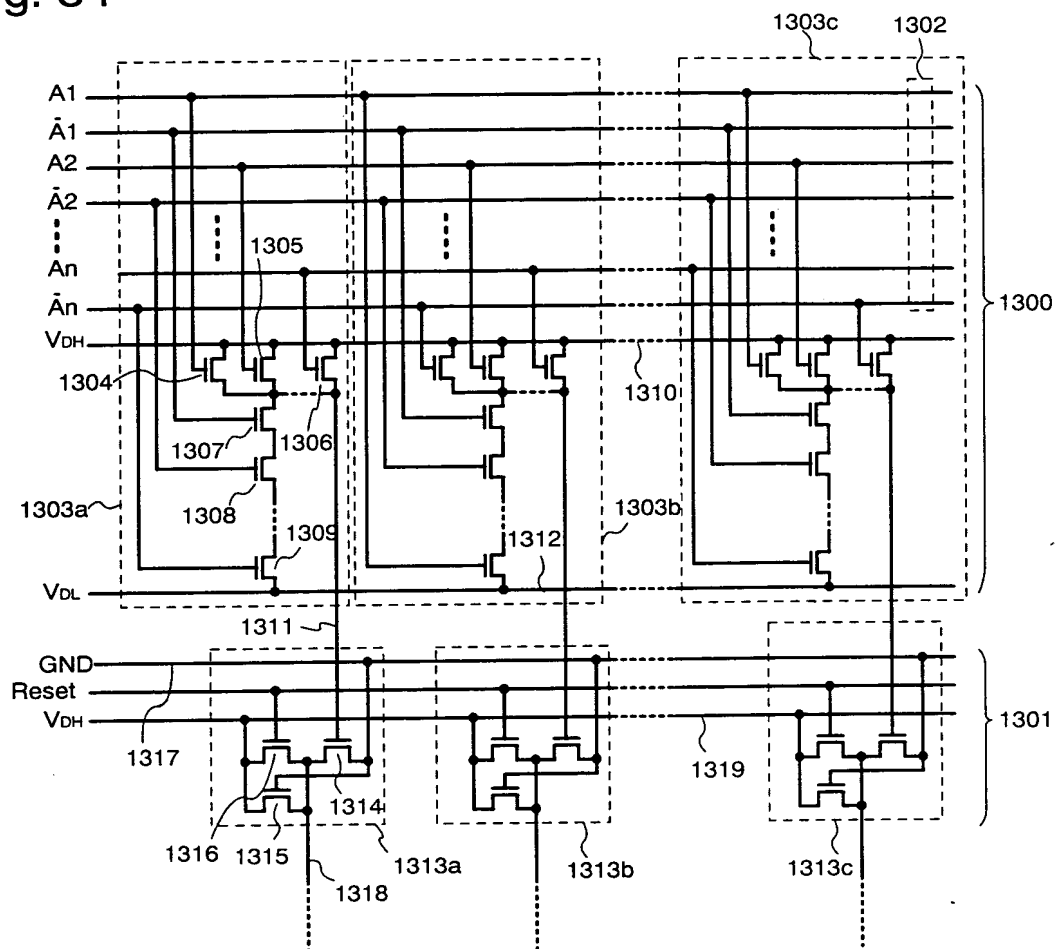


Fig. 35

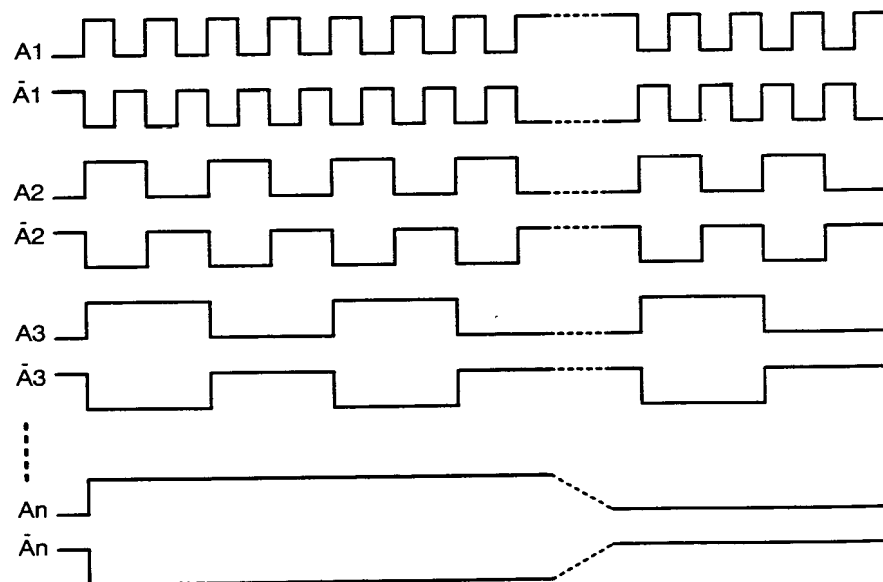


Fig. 36

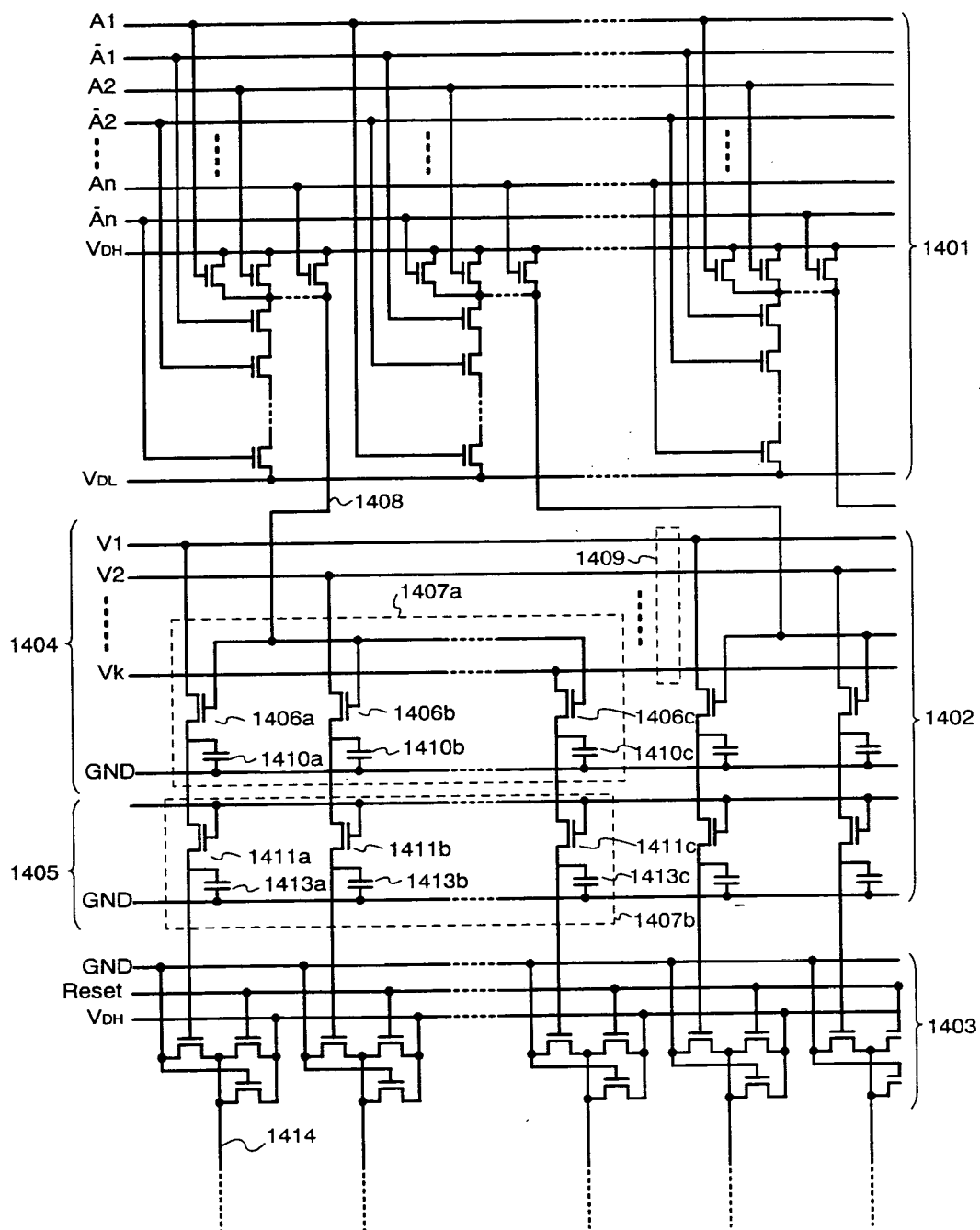


FIG. 37A

Fig. 37A

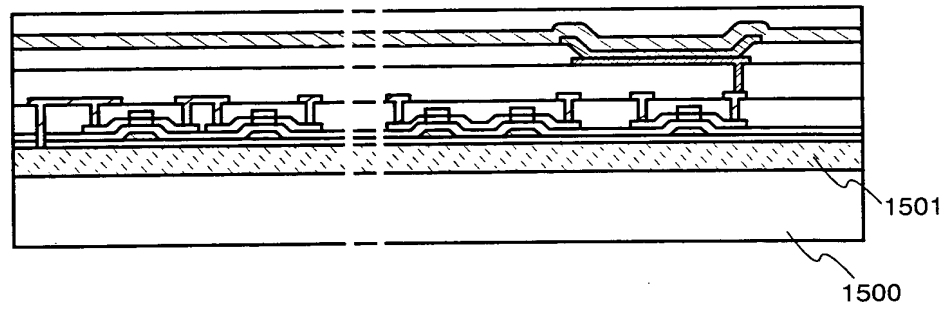


Fig. 37B

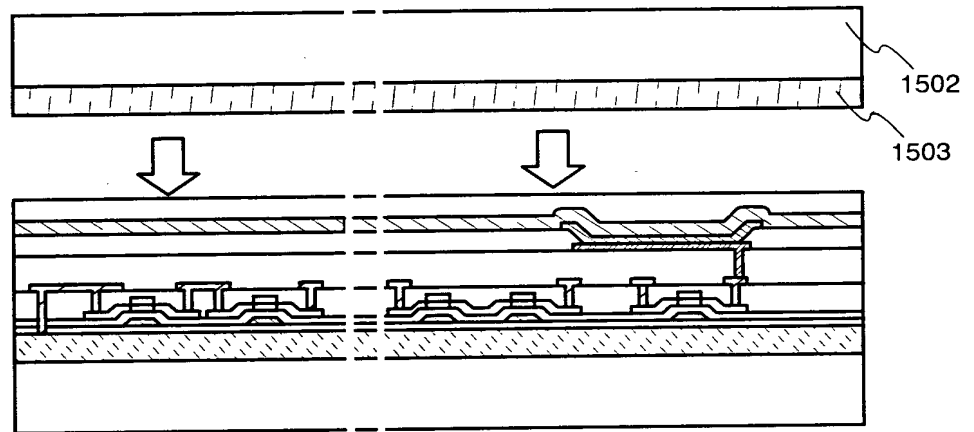
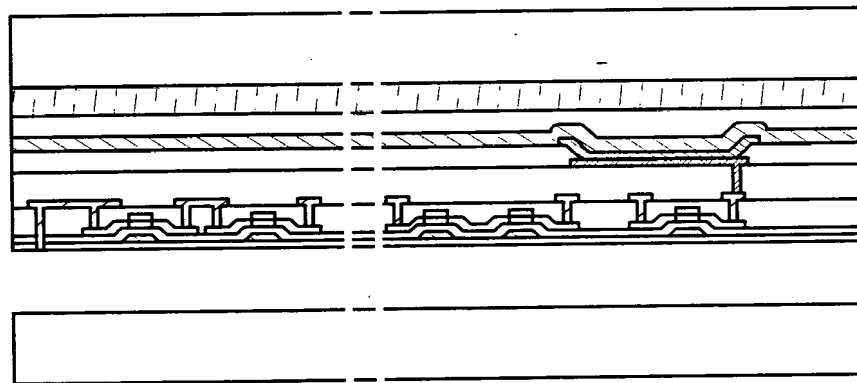


Fig. 37C





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Fig. 38A

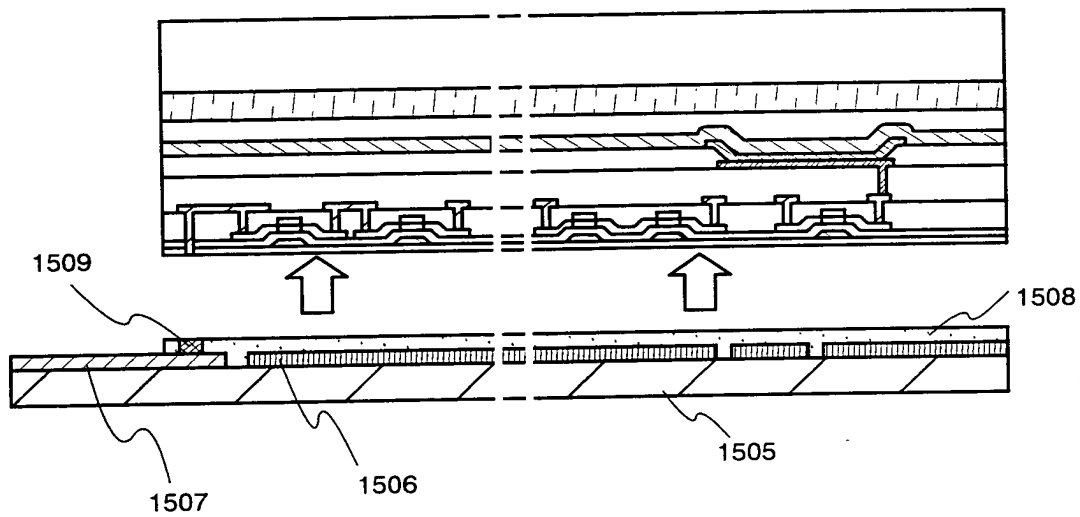
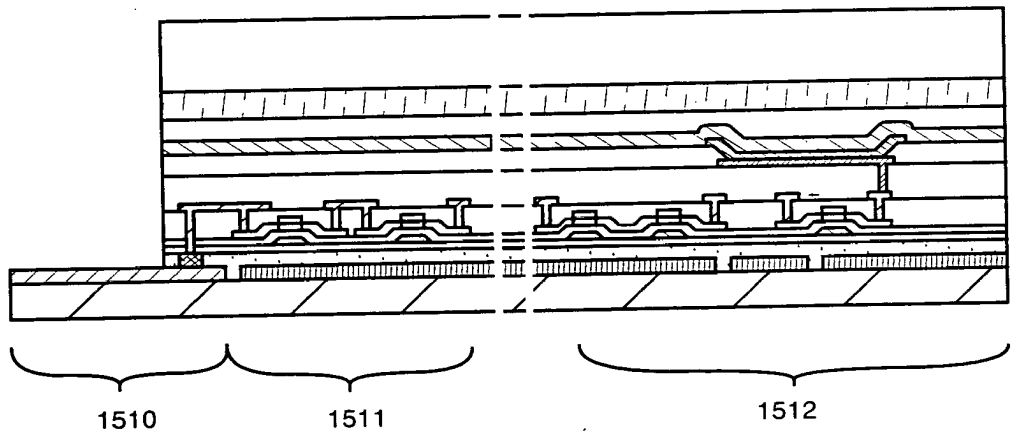


Fig. 38B



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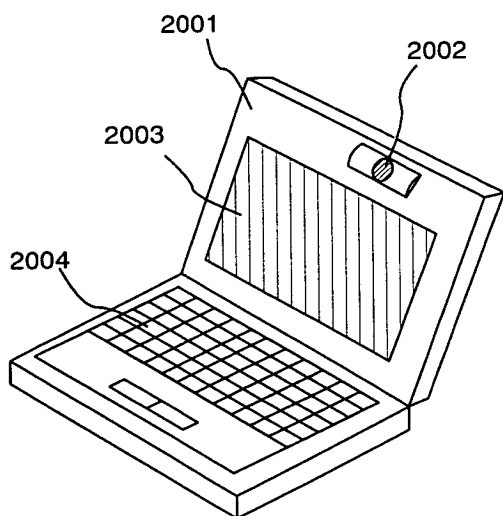


Fig. 39A

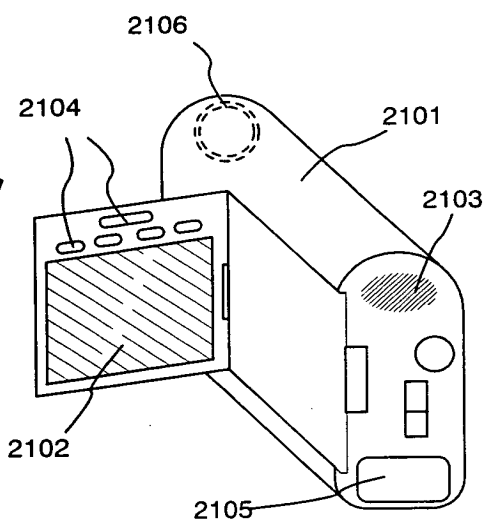


Fig. 39B

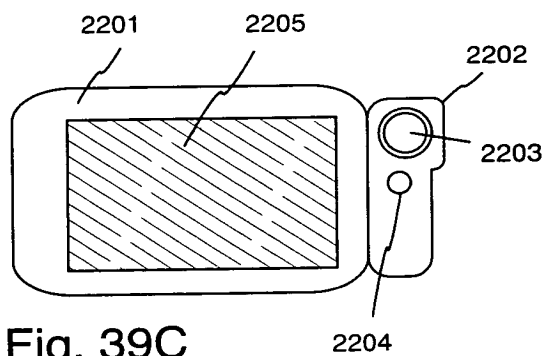


Fig. 39C

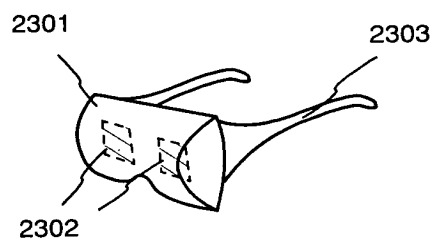


Fig. 39D

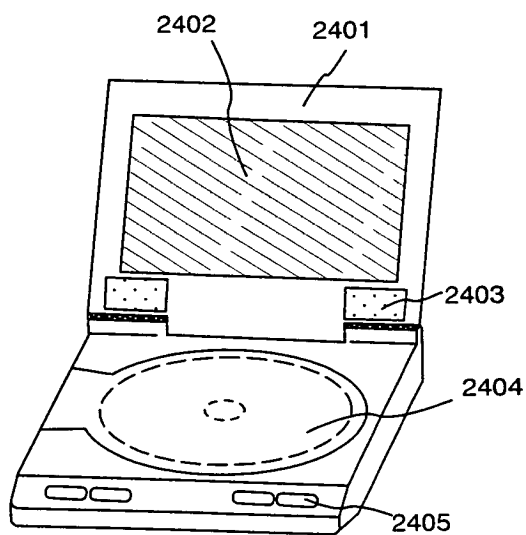


Fig. 39E

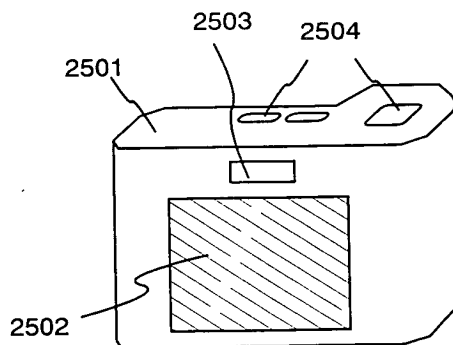


Fig. 39F

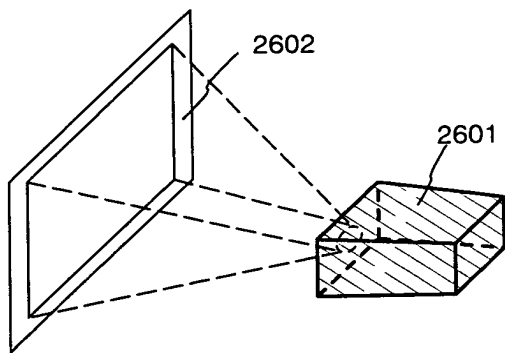


Fig. 40A

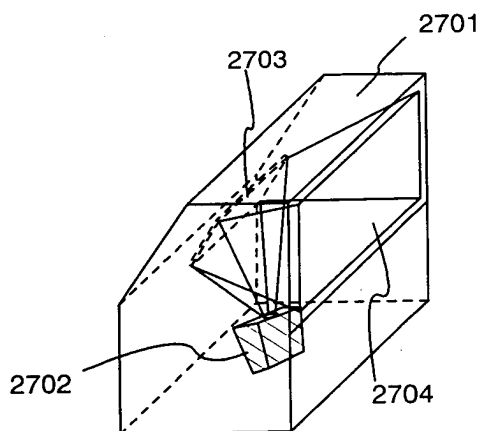


Fig. 40B

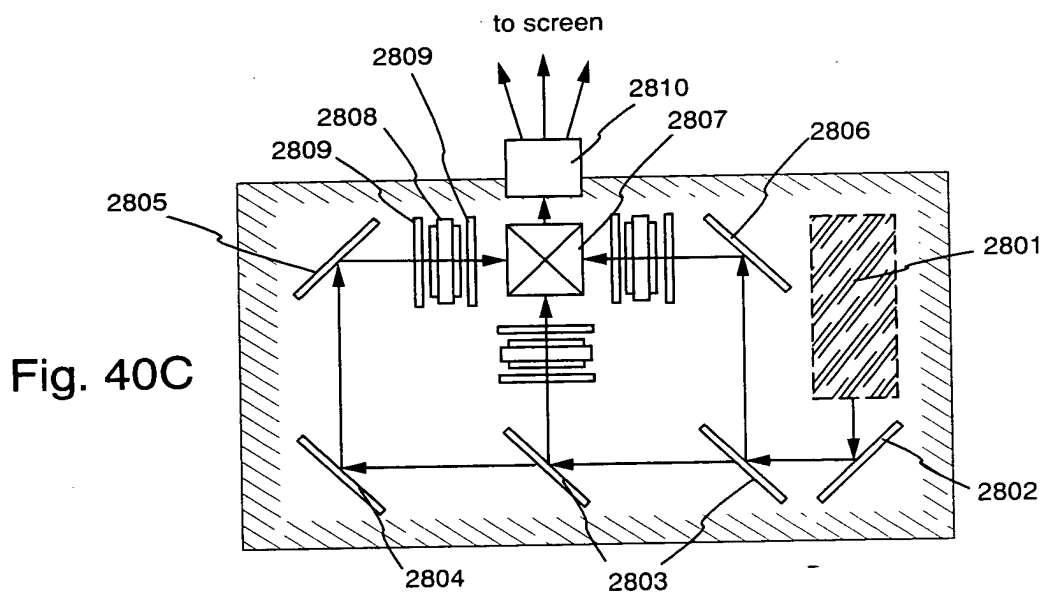


Fig. 40C

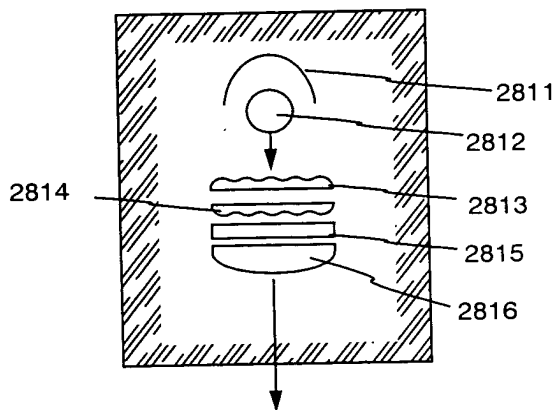


Fig. 40D

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Fig. 41A

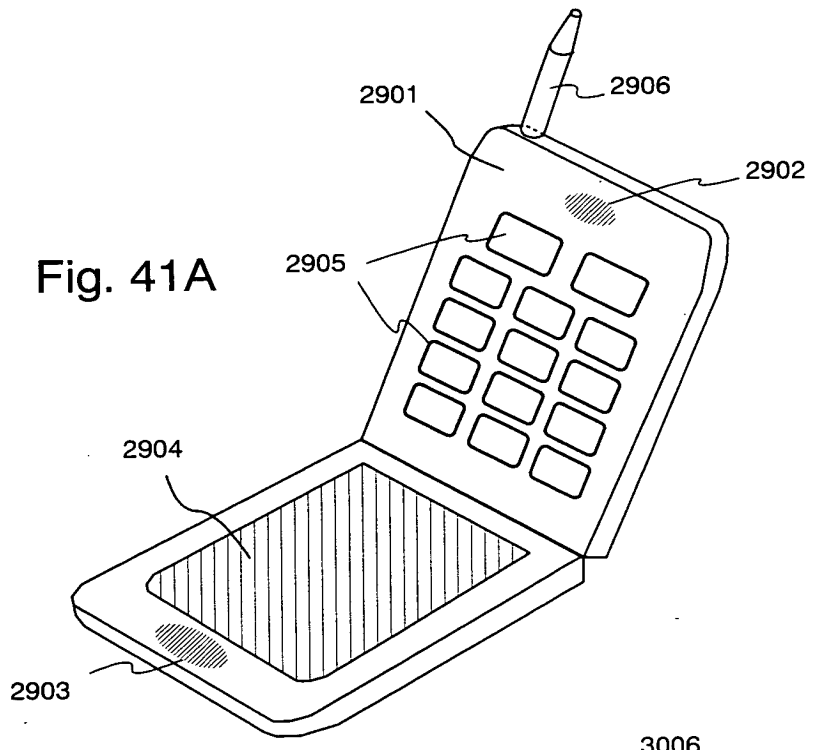


Fig. 41B

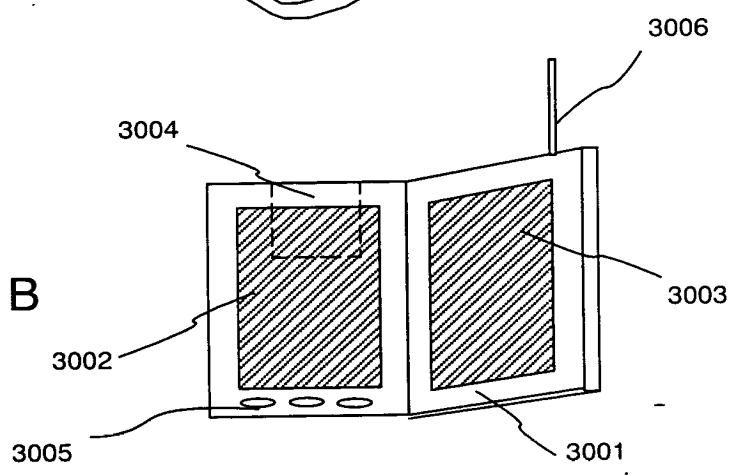
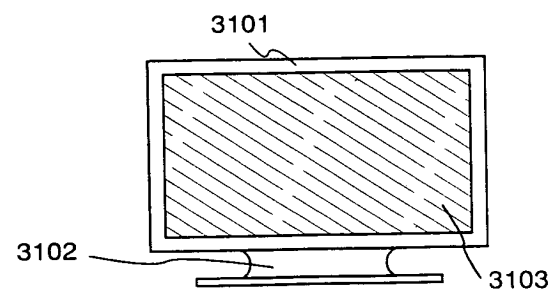


Fig. 41C



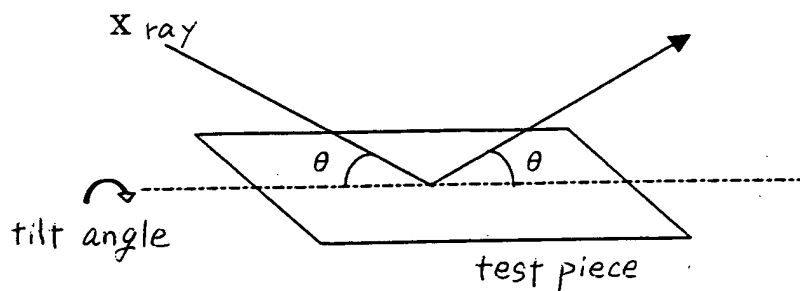


Fig. 42

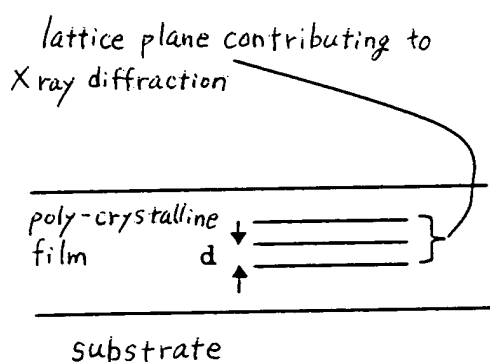


Fig. 43 A

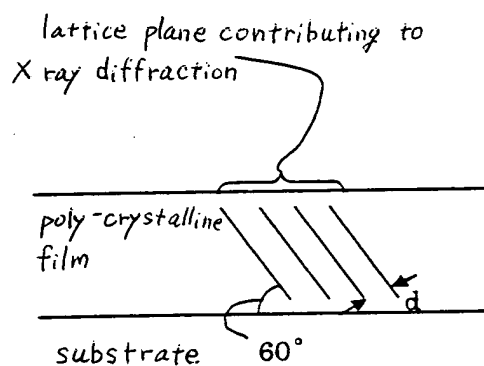
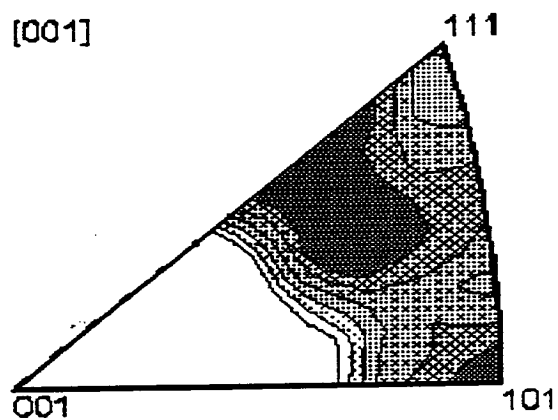


Fig. 43 B

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Fig. 44



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Fig. 45A

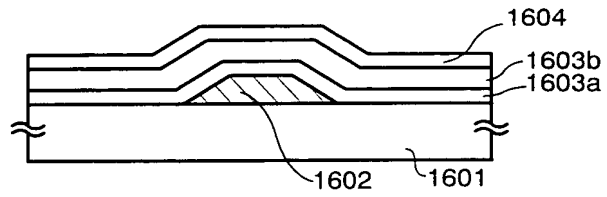


Fig. 45B

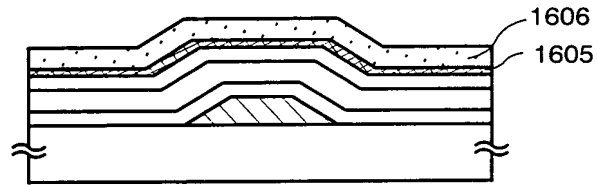


Fig. 45C

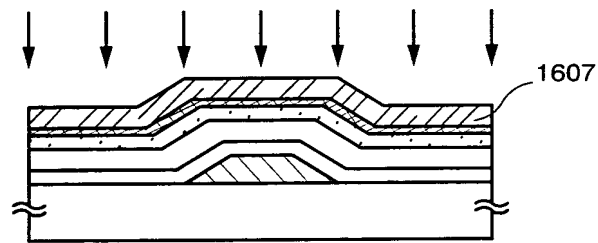


Fig. 45D

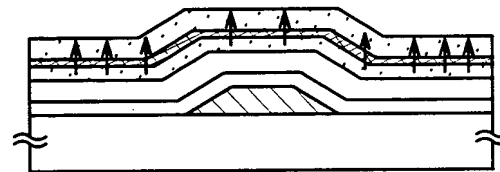
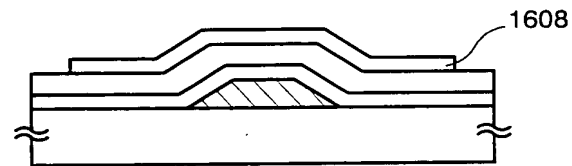


Fig. 45E



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Fig. 46

